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SEARCH REQUEST FORM

Scientific and Technical Information Center

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| 450 | | |
| Requester's Full Name: STEVE | KABAKOFF Examiner #: 76888 Date: 2/7/01 | |
| Art Unit: 2132 Phone N | Number 30(, 4153 Serial Number: 08/560015 and 09/588364 a: 5401 PK2 Results Format Preferred (circle): (PAPER) DISK E-MAIL | |
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| If more than one search is subm | itted, please prioritize searches in order of need. | |
| Include the elected species or structures, k utility of the invention. Define any terms | search topic, and describe as specifically as possible the subject matter to be searched. eywords, synonyms, acronyms, and registry numbers, and combine with the concept or that may have a special meaning. Give examples or relevant citations, authors, etc, if | |
| known. Please attach a copy of the cover s | apparatus, method of forming laser mark on optical disk, | |
| Title of Invention: reproducing | apparatus, method of forming laser mark on optical disk, apparatus, optical disk and method of producing optical disk | |
| Inventors (please provide full names): | MITSUAKI OSHIMA, YOSHIHO GOTOH | |
| |) | |
| Earliest Priority Filing Date: | | |
| appropriate serial number. | de all pertinent information (parent, child, divisional, or issued patent numbers) along with the | • |
| I'm requesting a | LITIGATION SEARCH for this | |
| J . | 110 01 + 071-1301 | |
| application which i | s also U.S. Patent 5,761,301 | • |
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| reissue applica | ation number is 09/588364 | |
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| Searcher Location: PK 2 -4841 | Structure (#) Questel/Orbit TOWN 2,711 | • |
| Date Searcher Picked Up: 2/8/6/ | Bibliographic Dr.Link | |
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Other

5,761,301

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Jun. 2, 1998

Mark forming apparatus, method of forming laser mark on optical disk, reproducing apparatus, optical disk and method of producing optical disk

REISSUE: Reissue Application filed Jun. 2, 2000 (O.G. Aug. 1, 2000) Ex. Gp.: 3642; Re. S.N. 09/588,364

CORE TERMS: software, optical, marking, secret, disk, reproduction, encryption, master, sub, layer...

LEXIS-NEXIS
Library: PATENT
File: ALL

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

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For further explanation, press the H key (for HELP) and then the ENTER key.

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Library: PATENT
File: CASES

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LEXIS-NEXIS
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 Search statement 2
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 1/3 LGST (1/1) - (C) LEGSTAT
 PN - US 5761301 [US5761301]
 AP - US 560015/95 19951117 [1995US-0560015]
 DT - US-P
 ACT - 19951117 US/AE-A
       APPLICATION DATA (PATENT)
       {US 560015/95 19951117 [1995US-0560015]}
      - 19960410 US/AS02
       ASSIGNMENT OF ASSIGNOR'S INTEREST
       MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. 1006, OAZA KADOMA, KADOMA-SHI
       OSAKA, JAP * OSHIMA, MITSUAKI : 19960220; GOTOH, YOSHIHO : 19960220
      - 19980602 US/A
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     - Matsushita Electric Industrial Co Ltd JP
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  ACT - 20000602 REISSUE REQUESTED
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       Examination Group responsible for Reissue process: 3642
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DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat (c) 2001 EPO. All rts. reserv.

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Basic Patent (No, Kind, Date): EP 506400 A2 19920930 <No. of Patents: 250> Patent Family:

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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI
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     H04N-005/455; H04L-027/34; G11B-020/12
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
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   Author (Inventor): OSHIMA MITSUAKI (JP)
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
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                 (JP); YOSHIURA TSUKASA
                                            (JP); MATSUURA TAKUMI (JP);
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   Author (Inventor): OSHIMA MITSUAKI
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  Author (Inventor): TAISHIMA MITSUTERU (JP)
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 Author (Inventor): OSHIMA MITSUAKI
                                         (JP); KOMODA HIDEAKI
                                                                 (JP):
   USHIGOME HISASHI (JP)
 Priority (No, Kind, Date): JP 938596
                                         Α
                                             19930121; JP 93314114 A
   19931119
 Applic (No, Kind, Date): CN 94101336 A
                                         19940121
 IPC: * G11B-007/24; G11B-011/12
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   94-250560; G 95-116722
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1099544 A 19950301
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9366461 A
                                             19930325; JP 93261612 A
   19930924
 Applic (No, Kind, Date): CN 94103352 A
                                         19940325
 IPC: * H04N-007/08; H04L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
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Language of Document: Chinese
Patent (No, Kind, Date): CN 1119895 A 19960403
  OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
   REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL
   DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
    (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93335165 A
                                             19931228; JP 94299508 A
    19941202
 Applic (No, Kind, Date): CN 94191566 A
                                         19941228
 Derwent WPI Acc No: * G 95-246541
  Language of Document: Chinese
Patent (No, Kind, Date): CN 1127049 A 19960717
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
    INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): JP 94104879 A
                                             19940418; JP 94283415 A
   19941117
 Applic (No, Kind, Date): CN 95190313 A
                                         19950418
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
   ; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1138915 A 19961225
 MARKING GENERATING APPTS., METHOD OF FORMING LASER MARKING ON OPTICAL
   DISK, REPRODUCING APPTS., OPTICAL DISK AND OPTICAL DISK PRODUCING
   METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC INDUTRIAL (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIHO GOTOH (JP)
 Priority (No, Kind, Date): JP 94283415 A 19941117; JP 9516153 A
   19950202
 Applic (No, Kind, Date): CN 95191218 A
                                        19951116
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1166223 A 19971126
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL PRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIO GOTOH (JP); SHINICHI
   TANAKA (JP)
 Priority (No, Kind, Date):
                           JP 96211304 A
                                             19960809; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): CN 96191182 A
                                        19961008
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1173942 A
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 OPTICAL DISK, OPTICAL REOCORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORZING SYSTEM FOR USE OF PROGRAM
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIHHO GOTOH
                                                                 (JP);
   SHINICHI TANAKA (JP)
 Priority (No, Kind, Date): JP 95261247
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                                               19951009; JP 968910 A
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 Applic (No, Kind, Date): CN 96191826 A
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 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1250278 A
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 TELECOMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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Author (Inventor): MITSUTERU DAIJIMA (JP)
    Priority (No, Kind, Date): JP 9366461 A
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     19930510; JP 93261612 A 19930924
   Applic (No, Kind, Date): CN 99108470 A
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    IPC: * H04J-001/00; H04L-027/00; H04N-011/24
   Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
   Language of Document: Chinese
  Patent (No, Kind, Date): CN 1032099 B
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    SYSTEM OF COMMUNICATION (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): TAISHIMA MITSUTERU (JP)
   Priority (No, Kind, Date): JP 9267934 A
                                               19920326; JP 92256070 A
     19920925
   Applic (No, Kind, Date): CN 93102721 A 19930325
   IPC: * H04B-007/00; H04N-007/12; H04N-011/00
   Derwent WPI Acc No: * G 93-305235; G 94-103292
   JAPIO Reference No: * 180486E000144
   Language of Document: Chinese
  Patent (No, Kind, Date): CN 1036952 B
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   RECORD REPLAYING APPARATUS (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): MITSUAKI OSHIMA
                                           (JP); MICHIRO TANAKA
                                                                   (JP):
     RYOSUKE SHIMIZU (JP)
   Priority (No, Kind, Date): JP 938596
                                         Α
                                               19930121; JP 9268031 A
      19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP
      92280874 A 19920925; JP 92282666 A 19921021; JP 92331300 A
     19921211
   Applic (No, Kind, Date): CN 93105219 A
                                           19930326
   IPC: * G11B-013/04
   Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
     94-242360; G 95-341616; G 96-062972; G 98-181451
   JAPIO Reference No: * 180121P000165; 180264P000063; 180522P000136;
     180618P000070
   Language of Document: Chinese
  Patent (No, Kind, Date): CN 1045036 B 19990908
   TRANSMISSION APPARATUS (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): MITSUAKI OSHIMA (JP)
   Priority (No, Kind, Date): JP 9162798 A
                                             19910327; JP 91182236 A
     19910723; JP 91155650 A 19910529; JP 9195813 A 19910425
   Applic (No, Kind, Date): CN 92102955 A 19920327
   IPC: * H04B-001/00; H04N-007/13
   Derwent WPI Acc No: * G 92-325674; G 97-195354
   JAPIO Reference No: * 180152E000002
   Language of Document: Chinese
GERMANY (DE)
 Patent (No, Kind, Date): DE 69223541 CO 19980129
   SIGNALUEBERTRAGUNGSSYSTEM (German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A
     19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
     9260739 A
                  19920317
   Applic (No, Kind, Date): DE 69223541 A
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   IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34
   Derwent WPI Acc No: * G 92-325674; G 97-195354
   JAPIO Reference No: * 180152E000002
   Language of Document: German
  Patent (No, Kind, Date): DE 69610859 CO 20001207
   OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
     SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
   Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
     19960123
   Applic (No, Kind, Date): DE 69610859 A 19960515
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IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
      ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
   Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
    Language of Document: German
  Patent (No, Kind, Date): DE 69610860 CO 20001207
   OPTISCHE SCHEIBE DIE INFORMATION IN DER FORM EINES STRICHKODES TRAEGT
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
      SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
   Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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   Applic (No, Kind, Date): DE 69610860 A 19960515
   IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
      ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
    Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
   Language of Document: German
  Patent (No, Kind, Date): DE 69610861 CO 20001207
   OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
      SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
   Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
     19960123
   Applic (No, Kind, Date): DE 69610861 A
                                           19960515
   IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
      ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
   Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
   Language of Document: German
  Patent (No, Kind, Date): DE 69223541 T2 19980409
   SIGNALUEBERTRAGUNGSSYSTEM (German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A
     19910425; JP 91155650 A 19910529; JP 91182236 A
                                                         19910723; JP
     9260739 A 19920317
   Applic (No, Kind, Date): DE 69223541 A 19920326
   IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34
   Derwent WPI Acc No: * G 92-325674; G 97-195354
   JAPIO Reference No: * 180152E000002
   Language of Document: German
GERMANY (DE)
 Legal Status (No, Type, Date, Code, Text):
   DE 69223541 P
                     19980129 DE REF
                                            CORRESPONDS TO (ENTSPRICHT)
                             EP 506400 P
                                           19980129
                   Ρ
   DE 69223541
                       19980409 DE 8373
                                            TRANSLATION OF PATENT
                             DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND
                             HAS BEEN PUBLISHED (UEBERSETZUNG DER
                             PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST
                             EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
   DE 69223541
                       19990121 DE 8364
                                             NO OPPOSITION DURING TERM OF
                             OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE
                             DASS EINSPRUCH ERHOBEN WURDE)
   DE 69610859
                   Ρ
                       20001207 DE REF
                                             CORRESPONDS TO (ENTSPRICHT)
                             EP 1003162 P 20001207
   DE 69610860 P
                       20001207 DE REF
                                            CORRESPONDS TO (ENTSPRICHT)
                             EP 1005034 P 20001207
   DE 69610861 P
                                            CORRESPONDS TO (ENTSPRICHT)
                       20001207 DE REF
                             EP 1005035 P
                                            20001207
EUROPEAN PATENT OFFICE (EP)
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Patent (No, Kind, Date): EP 562875 A1 19930929 MULTIRESOLUTION QAM SYSTEM (English; French; German)

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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): JP 9267934 A
                                            19920326; JP 92256070 A
    19920925
  Applic (No, Kind, Date): EP 93302369 A 19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/34; H04N-007/13
  Derwent WPI Acc No: ; G 93-305235
  Language of Document: English
Patent (No, Kind, Date): EP 617531 A1 19940928
 MULTIRESOLUTION TRANSMISSION SYSTEM. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9366461 A
                                            19930325; JP 93132984 A
   19930510; JP 93261612 A
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 Applic (No, Kind, Date): EP 94302149 A
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/34; H04L-005/06; H04L-027/18; H04N-007/13
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G
   94-311606
  Language of Document: English
Patent (No, Kind, Date): EP 689200 A1 19951227
 OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
   REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINA L
   DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRONICS CORP (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI
 Priority (No, Kind, Date): WO 94JP2304 W 19941228; JP 93335165 A
    19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP
   94156089 A 19940707; JP 94299508 A 19941202
 Applic (No, Kind, Date): EP 95904033 A 19941228
 Designated States: (National) DE; FR; GB; IT
        * G11B-007/007; G11B-020/12;
                                           G11B-013/04;
   G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939
 Language of Document: English
Patent (No, Kind, Date): EP 706174 A1 19960410
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
    INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): WO 95JP760 W 19950418; JP 94104879 A
    19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
   9515318 A
              19950201; JP 9516865 A 19950203
 Applic (No, Kind, Date): EP 95915345 A
                                         19950418
 Designated States: (National) DE; FR; GB; NL
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
   ; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785
 Language of Document: English
Patent (No, Kind, Date): EP 741382 A1 19961106
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
   OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
   PRODUCING METHOD (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): WO 95JP2339 W
                                           19951116; JP 94283415 A
   19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
 Applic (No, Kind, Date): EP 95938017 A
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 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
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97-236119
  Language of Document: English
Patent (No, Kind, Date): EP 802527 A1 19971022
  OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
    COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
     SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    YOSHINARI (JP)
  Priority (No, Kind, Date):
                            WO 96JP2924 W 19961008; JP 95261247 A
    19951009; JP 968910 A 19960123; JP 96211304 A 19960809
  Applic (No, Kind, Date): EP 96932845 A 19961008
  Designated States: (National) DE; FR; GB
  IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: English
Patent (No, Kind, Date): EP 807929 A1 19971119
  OPTICAL DISK, BAR CODE FORMATION METHOD FOR OPTICAL DISK, OPTICAL DISK
    REPRODUCTION APPARATUS, AND MARKING METHOD, LASER MARKING METHOD FOR
    OPTICAL DISK, AND METHOD OF OPTICAL DISK PRODUCTION (English; French;
   German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): WO 96JP1303 W 19960515; JP 95261247 A
    19951009; JP 968910 A 19960123
  Applic (No, Kind, Date): EP 96915172 A 19960515
  Designated States: (National) DE; FR; GB
  IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: English
Patent (No, Kind, Date): EP 971345 A1 20000112
  OPTICAL DISK, METHOD FOR RECORDING AND REPRODUCING WRITE-ONCE
    INFORMATION ON AND FROM OPTICAL DISK, OPTICAL DISK REPRODUCING
    DEVICE, OPTICAL DISK RECORDING AND REPRODUCING DEVICE, DEVICE FOR
    RECORDING WRITE-ONCE INFORMATION ON OPTICAL DISK, AND OPTICAL DISK
    RECORDING DEVICE (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA M (JP); KONISHI SHINICHI (JP); TANAKA SHIN-ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP);
   MURAKAMI MOTOYOSHI (JP)
  Priority (No,Kind,Date): WO 97JP4664 W 19971217; JP 96339304 A 19961219; JP 979318 A 19970122; JP 97259110 A 19970924
  Applic (No, Kind, Date): EP 97949124 A 19971217
  Designated States: (National) DE; FR; GB; IT; NL
  IPC: * G11B-011/10; G11B-007/00; G06F-012/14
  Derwent WPI Acc No: * G 98-363034
  Language of Document: English
Patent (No, Kind, Date): EP 973335 A1 20000119
  SIGNAL TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
     19920326; JP 9162798 A
                                   19910327; JP 9195813 A 19910425; JP
    91155650 A 19910529; JP 91182236 A 19910723
 Applic (No, Kind, Date): EP 99119278 A 19920326
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  IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 2000-108239; G
     2000-118426; G 2000-184726; G 2000-184727; G 2000-184728; G
    2000-184729; G 2000-184730; G 2000-184731; G 2000-108239
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975168 A1 20000126
  SIGNAL TRANSMISSION SYSTEM (English; French; German)
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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
     19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
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                    19910529; JP 91182236 A 19910723; JP 9260739 A
   19920317
 Applic (No, Kind, Date): EP 99119266 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 2000-108239; G 2000-118426; G 2000-184726; G 2000-184727; G 2000-184728; G 2000-184729; G 2000-184731; G 2000-184726
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975169 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
    91155650
                   19910529; JP 91182236 A 19910723; JP 9260739 A
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   19920317
 Applic (No, Kind, Date): EP 99121006 A
                                          19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 2000-108239; G
    2000-118426; G 2000-184726; G 2000-184727; G 2000-184728; G
   2000-184729; G 2000-184730; G 2000-184731; G 2000-184727
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975170 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
    91155650
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                   19910529; JP 91182236 A
                                              19910723; JP 9260739 A
   19920317
 Applic (No, Kind, Date): EP 99121007 A
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 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 2000-108239; G
    2000-118426; G 2000-184726; G 2000-184727; G 2000-184728; G
   2000-184729; G 2000-184730; G 2000-184731; G 2000-184728
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975171 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A
                                  19910327; JP 9195813 A 19910425; JP
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                   19910529; JP 91182236 A 19910723; JP 9260739 A
 Applic (No, Kind, Date): EP 99121008 A
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 2000-108239; G
    2000-118426; G 2000-184726; G 2000-184727; G 2000-184728; G
   2000-184729; G 2000-184730; G 2000-184731; G 2000-118426
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975172 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
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19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
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                   19910529; JP 91182236 A 19910723; JP 9260739 A
    19920317
 Applic (No, Kind, Date): EP 99121024 A 19920326
 Designated States: (National) DE; FR; GB; NL
  IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 2000-108239; G
    2000-118426; G 2000-184726; G 2000-184727; G 2000-184728; G 2000-184729; G 2000-184731; G 2000-184729
  JAPIO Reference No: * 180152E000002
  Language of Document: English
Patent (No, Kind, Date): EP 975173 A1 20000126
  SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
     19920326; JP 9162798 A
                                  19910327; JP 9195813 A 19910425; JP
     91155650 A
                   19910529; JP 91182236 A 19910723; JP 9260739 A
    19920317
 Applic (No, Kind, Date): EP 99121025 A
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 2000-108239; G
     2000-118426; G 2000-184726; G 2000-184727; G 2000-184728; G
    2000-184729; G 2000-184730; G 2000-184731; G 2000-184730
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975174 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
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                   19910529; JP 91182236 A
                                              19910723; JP 9260739 A
    19920317
 Applic (No, Kind, Date): EP 99121026 A
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 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 2000-108239; G
    2000-118426; G 2000-184726; G 2000-184727; G 2000-184728; G
    2000-184729; G 2000-184730; G 2000-184731; G 2000-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 1003162 A1 20000524
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                            19960123
 Applic (No, Kind, Date): EP 2000103257 A
                                            19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005023 A1 20000531
          REPRODUCING DEVICE FOR
 OPTICAL
                                       THE REPRODUCTION OF ENCRYPTED
    INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
     SHINICHI
   YOSHINARI (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): EP 2000102965 A 19961008
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Designated States: (National) DE; FR; GB
  IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: English
Patent (No, Kind, Date): EP 1005024 A1 20000531
           REPRODUCING DEVICE
  OPTICAL
                                 FOR
                                       THE REPRODUCTION OF ENCRYPTED
    INFORMATION (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
     SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    YOSHINARI
               (JP)
  Priority (No, Kind, Date):
                           EP 96932845 A3 19961008; JP 95261247 A
    19951009; JP 968910 A 19960123; JP 96211304 A 19960809
  Applic (No, Kind, Date): EP 2000102966 A
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  Designated States: (National) DE; FR; GB
  IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: English
Patent (No, Kind, Date): EP 1005025 A1 20000531
  OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
     SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    YOSHINARI (JP)
  Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
    19951009; JP 968910 A 19960123; JP 96211304 A
                                                     19960809
  Applic (No, Kind, Date): EP 2000102967 A 19961008
  Designated States: (National) DE; FR; GB
  IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: English
Patent (No, Kind, Date): EP 1005026 A1 20000531
  OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND
   PROGRAM LICENSE SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
              (JP)
  Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A
                            19960123; JP 96211304 A
                                                      19960809
 Applic (No, Kind, Date): EP 2000102968 A
 Designated States: (National) DE; FR; GB
  IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005027 A1 20000531
 OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND
   PROGRAM LICENSE SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI (JP)
                           EP 96932845 A3 19961008; JP 95261247 A
  Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                     19960809
 Applic (No, Kind, Date): EP 2000102969 A
                                           19961008
 Designated States: (National) DE; FR; GB
  IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005028 A1 20000531
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION
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SYSTEM AND PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
              (JP)
                           EP 96932845 A3 19961008; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123; JP 96211304 A
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 Applic (No, Kind, Date): EP 2000102971 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005033 A1 20000531
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000101774 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005034 A1 20000531
 AN OPTICAL DISK CARRYING BARCODED INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                            19960123
 Applic (No, Kind, Date): EP 2000101775 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005035 A1 20000531
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 2000104818 A 19960515
 Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
   IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1006516 A1 20000607
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000105014 A 19960515
 Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
   IE; IT; LI; LU; MC; NL; PT; SE
  IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
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; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1006517 A1 20000607
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
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 Applic (No, Kind, Date): EP 2000106447 A 19960515
 Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
   IE; IT; LI; LU; MC; NL; PT; SE
  IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1024478 A1 20000802
 OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                    19960809
 Applic (No, Kind, Date): EP 2000102970 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1028422 A1 20000816
 AN OPTICAL DISK, AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO
                                      (JP); KOISHI KENJI (JP); OSHIMA
   MITSUAKI (JP); MORIYA MITSURO (JP); TANAKA SHINICHI (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 2000109898 A
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 Designated States: (National) DE; FR; GB
  IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1028423 A1 20000816
 AN OPTICAL DISK, AN OPTICAL BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTORING AN OPTICAL DISK (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor):
                      GOTOH YOSHIHO
                                       (JP); KOISHI KENJI (JP); OSHIMA
   MITSUAKI (JP); MORIYA MITSURO (JP); TANAKA SHINICHI (JP)
 Priority (No, Kind, Date):
                           EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 2000109899 A
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 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1030297 A1 20000823
 AN OPTICAL DISK AND AN OPTICAL DISK RECORDING METHOD (English; French;
   German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000110461 A 19960515
 Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
    IE; IT; LI; LU; MC; NL; PT; SE
  IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1031974 A1 20000830
 AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                             19960123
 Applic (No, Kind, Date): EP 2000112310 A
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 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1049334 A1 20001102
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723: JP 9260739 A
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                   19910529; JP 91182236 A
                                              19910723; JP 9260739 A
   19920317
 Applic (No, Kind, Date): EP 2000114691 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04L-027/34; H04N-007/04
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 2000-108239; G
    2000-118426; G 2000-184726; G 2000-184727; G 2000-184728; G
   2000-184729; G 2000-184730; G 2000-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 506400 A2 19920930
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI - KATSURA (JP)
 Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A
    19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
   9260739 A
                19920317
 Applic (No, Kind, Date): EP 92302627 A
                                          19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/13; H04N-007/04
 Derwent WPI Acc No: ; G 92-325674
 Language of Document: English
Patent (No, Kind, Date): EP 555031 A2 19930811
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9213809
                                               19920129; JP 9242558 A
                                           Α
                            Α
                                  19920309; JP 9268031 A 19920326; JP
    19920228; JP 9250328
    92111176
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                   19920430; JP 92194450 A 19920722; JP 92280874 A
   19920925
 Applic (No, Kind, Date): EP 93300695 A
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * G11B-013/00; G11B-011/10; G11B-013/04
 Derwent WPI Acc No: ; G 93-251292
 Language of Document: English
Patent (No, Kind, Date): EP 564187 A2 19931006
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RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                      OSHIMA MITSUAKI
 Author (Inventor):
                                        (JP); TANAKA MICHIRO
                                                                 (JP);
   SHIMIZU RYOSUKE (JP); KODO TOSHIKAZU (JP)
 Priority (No, Kind, Date): JP 9268031 A 19920326; JP 92111176 A
    19920430; JP 92194450 A 19920722; JP 92280874 A 19920925; JP
                   19921021; JP 92331300 A
    92282666
              Α
                                              19921211; JP 938596 A
   19930121
 Applic (No, Kind, Date): EP 93302365 A
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * G11B-013/00; G11B-011/10; G11B-023/03; G11B-013/04
 Derwent WPI Acc No: ; G 93-313529
 Language of Document: English
Patent (No, Kind, Date): EP 589709 A2 19940330
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 92256070 A
                                              19920925; JP 9366461 A
   19930325; JP 93132984 A
                            19930510
 Applic (No, Kind, Date): EP 93307575 A
                                         19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/34; H04N-007/13; H04L-005/06; H04L-027/18
 Derwent WPI Acc No: * G 93-305235
 Language of Document: English
Patent (No, Kind, Date): EP 608126 A2 19940727
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING SAME. (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
                                                                 (JP);
   USHIGOME HISASHI (JP)
 Priority (No, Kind, Date):
                           JP 938596 A
                                             19930121; JP 9392219 A
    19930325; JP 93107423 A 19930409; JP 93205682 A
                                                          19930727; JP
   93297504 A 19931102; JP 93314114 A 19931119
 Applic (No, Kind, Date): EP 94300403 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * G11B-013/04; G11B-023/44
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; C 94-236841
 Language of Document: English
Patent (No, Kind, Date): EP 609013 A2 19940803
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
    TOSHIKAZU (JP); YOSHIURA TSUKASA
                                          (JP); MATSUURA TAKUMI (JP);
   TANAKA MITIRO (JP); TAN SATOSHI (JP)
 Priority (No, Kind, Date): JP 938596 A
                                             19930121; JP 9392219 A
    19930325; JP 93107423 A
                               19930409; JP 93205682 A
                                                         19930727; JP
                 19931102; JP 93314114 A 19931119
   93297504 A
 Applic (No, Kind, Date): EP 94300402 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02
   ; G11B-023/00; G11B-023/36
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 94-242360
 Language of Document: English
Patent (No, Kind, Date): EP 609617 A2 19940810
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TAN SATOSHI (JP); KUWAMOTO
   MAKOTO
           (JP)
           (No,Kind,Date):
                            JP 938596
 Priority
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                                             19930121; JP 93205682 A
   19930727; JP 92321063 A
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 Applic (No, Kind, Date): EP 93309619 A
                                         19931201
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Designated States: (National) BE; DE; FR; GB; NL
  IPC: * G06F-001/18
  Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    95-116722; G 95-341616; G 96-062972; G 98-181451
  Language of Document: English
Patent (No, Kind, Date): EP 637016 A2 19950201
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): JP 93205682 A
                                           19930727; JP 94104879 A
    19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP
    93314114 A
                 19931119
 Applic (No, Kind, Date): EP 94305557 A
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 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
    ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
    95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
     95-116722
 Language of Document: English
Patent (No, Kind, Date): EP 766478 A2 19970402
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 92302627 A3 19920326; JP 9162798 A
    19910327; JP 9195813 A
                                19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): EP 96119060 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 97-195354
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 833319 A2 19980401
 DISC-SHAPED RECORDING MEDIUM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
    TOSHIKAZU (JP); YOSHIURA TSUKASA
                                        (JP); MATSUURA TAKUMI (JP);
   TANAKA MITIRO (JP); TAN SATOSHI (JP)
 Priority (No, Kind, Date): EP 94300402
                                         A3 19940119; JP 938596 A
    19930121; JP 9392219
                           A 19930325; JP 93107423 A 19930409; JP
    93205682
             Α
                  19930727; JP 93297504 A 19931102; JP 93314114 A
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 Applic (No, Kind, Date): EP 97118775 A
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 98-181451
 Language of Document: English
Patent (No, Kind, Date): EP 844611 A2 19980527
 OPTICAL DISK (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                       (JP); KOMODA HIDEAKI
                                                                 (JP):
   USHIGOME HISASHI (JP)
 Priority (No, Kind, Date): EP 94300403
                                         A3 19940119; JP 938596 A
    19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
              A 19930727; JP 93297504 A 19931102; JP 93314114 A
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   19931119
 Applic (No, Kind, Date): EP 98100524 A
                                       19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * G11B-020/00; G11B-013/04; G11B-007/007; G11B-007/24
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451
 Language of Document: English
Patent (No, Kind, Date): EP 844612 A2 19980527
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APPARATUS FOR REPRODUCING INFORMATION FROM AN OPTICAL DISC (English;
    French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
         (Inventor):
                       OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
    USHIGOME HISASHI (JP)
  Priority (No,Kind,Date):
                            EP 94300403
                                            A3 19940119; JP 938596 A
     19930121; JP 9392219 A
                                  19930325; JP 93107423 A 19930409; JP
                    19930727; JP 93297504 A 19931102; JP 93314114 A
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  Applic (No, Kind, Date): EP 98100525 A
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  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * G11B-020/00; G11B-013/04; G11B-007/24; G11B-007/007
  Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    95-116722; G 95-341616; G 96-062972; G 98-181451
  Language of Document: English
Patent (No, Kind, Date): EP 1035693 A2 20000913
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A
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  Applic (No, Kind, Date): EP 2000114572 A 19930924
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
    ; H04N-007/24
  Derwent WPI Acc No: ; G 2000-595507
  Language of Document: English
Patent (No, Kind, Date): EP 1035694 A2 20000913
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date):
                              EP 93307575 A3
                                              19930924; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 Applic (No, Kind, Date): EP 2000114573 A 19930924
                              19930325; JP 93132984 A
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-005/44
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035695 A2 20000913
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A
                                                         19930510
  Applic (No, Kind, Date): EP 2000114575 A
                                           19930924
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1035696 A2 20000913
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 922566
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No, Kind, Date): EP 2000114577 A 19930924
                             EP 93307575 A3 19930924; JP 92256070 A
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
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IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/34; H04L-027/26; H04L-027/18; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 2000-580985; G 2000-580986; G 2000-580987; G
    2000-580988; G 2000-589072; G 2000-589073; G 2000-589074; G
    2000-589075; G
                      2000-589076; G
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   2000-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035697 A2 20000913
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A
                           19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): EP 2000114578 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/34; H04L-027/18; H04L-027/26; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
                                     2000-580986; G 2000-580987; G
    94-342258; G 2000-580985; G
                                       2000-589073; G 2000-589074; G
    2000-580988; G 2000-589072; G
    2000-589075; G 2000-589076; G
                                       2000-589077; G 2000-589078; G
   2000-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035698 A2 20000913
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 Applic (No, Kind, Date): EP 2000114579 A 19930924
                           19930325; JP 93132984 A
                                                       19930510
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/18; H04L-027/34; H04L-027/26; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 2000-580985; G 2000-580986; G 2000-580987; G
    2000-580988; G 2000-589072; G 2000-589073; G 2000-589074; G
    2000-589075; G 2000-589076; G 2000-589077; G 2000-589078; G
   2000-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039672 A2 20000927
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
                                                     19930510
 Applic (No, Kind, Date): EP 2000114576 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: ; G 2000-589072
 Language of Document: English
Patent (No, Kind, Date): EP 1039673 A2
                                      20000927
 MULTIRESOLUTION
                   TRANSMISSION
                                               CORRECTION CODING WITH
                                 AND
                                       ERROR
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
                            19920925
   19920326; JP 92256070 A
 Applic (No, Kind, Date): EP 2000114689 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
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IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: ; G 2000-589073
  Language of Document: English
Patent (No, Kind, Date): EP 1039674 A2
                                       20000927
  MULTIRESOLTION
                 TRANSMISSION
                                AND
                                       ERROR
                                               CORRECTION
                                                           CODING WITH
    MULTICARRIER SIGNALS (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date):
                             EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                             19920925
  Applic (No, Kind, Date): EP 2000114690 A
                                          19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
     2000-580986; G 2000-580987; G 2000-580988; G 2000-589072; G
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  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1039675 A2 20000927
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
    ; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114692 A
                                          19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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    2000-589073; G
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 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039676 A2 20000927
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114694 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
    2000-580986; G 2000-580987; G
                                        2000-580988; G 2000-589072; G
    2000-589073; G 2000-589074; G
                                        2000-589075; G 2000-589076; G
    2000-589077; G 2000-589078; G 2000-595507; G 2000-589076
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039677 A2
                                      20000927
                   TRANSMISSION AND
 MULTIRESOLUTION
                                       ERROR CORRECTION CODING,
                                                                   WITH
    MULTICARRIER MODULATION (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
                            19920925
    19920326; JP 92256070 A
  Applic (No, Kind, Date): EP 2000114696 A 19930326
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Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
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  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G
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    2000-580986; G 2000-580987; G
                                        2000-580988; G 2000-589072; G 2000-589075; G 2000-589076; G
   2000-589073; G 2000-589074; G 2000-589075; G 2000-589077; G 2000-589077; G 2000-589077
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039678 A2 20000927
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY WITH MULTICARRIER SIGNALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                             19920925
 Applic (No, Kind, Date): EP 2000114697 A
                                           19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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    2000-589073; G 2000-589074; G
                                       2000-589075; G 2000-589076; G
   2000-589077; G 2000-589078; G 2000-595507; G 2000-580985
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039679 A2 20000927
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
    ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                     (JP)
 Priority (No, Kind, Date): EP 93302369
                                          A3 19930326; JP 9267934 A
                            19920925
   19920326; JP 92256070 A
 Applic (No, Kind, Date): EP 2000114698 A
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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    2000-589073; G 2000-589074; G
                                       2000-589075; G 2000-589076; G
   2000-589077; G 2000-589078; G 2000-595507; G 2000-589078
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039680 A2 20000927
 MULTIRESOLUTION
                   TRANSMISSION
                                 AND
                                        ERROR
                                                CORRECTION CODING WITH
   MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114699 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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   2000-589073; G 2000-589074; G 2000-589075; G 2000-589077; G 2000-589078; G 2000-595507; G 2000-580986
                                        2000-589075; G 2000-589076; G
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039681 A2
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 MUTLIRESOLUTION
                   TRANSMITION
                                AND
                                       ERROR
                                              CORRECTION CODING, WITH
   MULTICARRIER SIGNALS (English; French; German)
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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                           19920925
 Applic (No, Kind, Date): EP 2000114701 A
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/34
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                      2000-589074; G
    2000-589073; G
   2000-589077; G 2000-589078; G 2000-595507; G 2000-580987
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039682 A2 20000927
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SINGALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
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   19920326; JP 92256070 A
 Applic (No, Kind, Date): EP 2000114702 A
                                           19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
    2000-580986; G 2000-580987; G 2000-580988; G 2000-589072; G
    2000-589073; G
                    2000-589074; G
                                       2000-589075; G 2000-589076; G
    2000-589077; G 2000-589078; G 2000-595507; G 2000-580988
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1045541 A2
                                      20001018
 MULTIRESOLUTION TRANSMISSION
                                AND
                                       ERROR
                                              CORRECTION CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                     (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                             19920925
 Applic (No, Kind, Date): EP 2000114700 A
                                          19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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                      2000-589074; G
     2000-589073; G
    2000-589077; G 2000-589078; G 2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1049282 A2 20001102
  MULTIRESOLUTION MODULATION WITH MULTICARRIER SIGNALS (English; French;
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI
                                     (JP)
  Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
    19920925; JP 9366461 A
                            19930325; JP 93132984 A
  Applic (No, Kind, Date): EP 2000114574 A 19930924
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/34; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1049283 A2 20001102
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MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
   ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114693 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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                    2000-589074; G
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 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049284 A2 20001102
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
   : German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
                                          19930326
 Applic (No, Kind, Date): EP 2000114695 A
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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                                        2000-589075; G 2000-589076; G
    2000-589077; G 2000-589078; G 2000-595507
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1050879 A2 20001108
  RECORDING AND REPRODUCING APPARATUS WITH MEANS FOR ENCRYPTION OF
    INFORMATION (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 94305557 A3 19940727; JP 93205682 A 19930727; JP 94104879 A 19940418; JP 94156089 A 19940707;
                                                          19940707; JP
    93297504 A 19931102; JP 93314114 A 19931119
  Applic (No, Kind, Date): EP 2000115017 A
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  Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
  IPC: * G11B-020/00; G06F-001/00; G11B-007/00; G11B-013/04; G11B-019/02
    ; G11B-023/28
  Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
    95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451
  Language of Document: English
Patent (No, Kind, Date): EP 506400 A3 19930526
  SIGNAL TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI - KATSURA (JP)
  Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A
     19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
    9260739 A
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  Applic (No, Kind, Date): EP 92302627 A
  Designated States: (National) DE; FR; GB; NL
  IPC: * H04N-007/13; H04N-007/04
  Derwent WPI Acc No: * G 92-325674
  Language of Document: English
Patent (No, Kind, Date): EP 555031 A3 19951115
  RECORDING AND REPRODUCING APPARATUS (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): JP 9213809 A 19920129; JP 9242558 A
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19920309; JP 9268031 A
                                                         19920326; JP
    19920228; JP 9250328 A
             A 19920430; JP 92194450 A 19920722; JP 92280874 A
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 Applic (No, Kind, Date): EP 93300695 A 19930129
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-013/04
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): EP 564187 A3 19951206
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TANAKA MICHIRO
                                                                  (JP);
   SHIMIZU RYOSUKE (JP); KODO TOSHIKAZU (JP)
 Priority (No, Kind, Date): JP 938596 A 19930121; JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP
             A 19920925; JP 92282666 A 19921021; JP 92331300 A
    92280874
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 Applic (No, Kind, Date): EP 93302365 A
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * G11B-013/00; G11B-011/10; G11B-023/03; G11B-013/04
  Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 95-341616; G 96-062972; G 98-181451
  JAPIO Reference No: * 180121P000165; 180264P000063; 180522P000136;
   180618P000070
  Language of Document: English
Patent (No, Kind, Date): EP 589709 A3 19940928
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (DE); MATSUSHITA
   ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
                                            19930325; JP 93132984 A
  Priority (No, Kind, Date): JP 9366461 A
    19930510; JP 92256070 A 19920925
  Applic (No, Kind, Date): EP 93307575 A
                                        19930924
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/34; H04N-007/13; H04L-005/06; H04L-027/18
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 608126 A3 19951129
  INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING SAME. (English;
    French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
                                                                  (JP);
    USHIGOME HISASHI (JP)
  Priority (No, Kind, Date): JP 938596 A
                                             19930121; JP 9392219 A
     19930325; JP 93107423 A 19930409; JP 93205682 A
                                                           19930727; JP
    93297504 A 19931102; JP 93314114 A 19931119
  Applic (No, Kind, Date): EP 94300403 A 19940119
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * G11B-013/04; G11B-023/44
  Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    95-116722; G 95-341616; G 96-062972; G 98-181451
  Language of Document: English
Patent (No.Kind, Date): EP 609013 A3 19951129
  RECORDING AND REPRODUCING APPARATUS. (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
                (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI (JP);
     TOSHIKAZU
    TANAKA MITIRO (JP); TAN SATOSHI (JP)
  Priority (No, Kind, Date): JP 938596 A 19930121; JP 9392219 A
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19930409; JP 93205682 A 19930727; JP
    19930325; JP 93107423 A
                19931102; JP 93314114 A
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   93297504 A
 Applic (No, Kind, Date): EP 94300402 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02
   ; G11B-023/00; G11B-023/36
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451
 Language of Document: English
Patent (No, Kind, Date): EP 609617 A3 19961211
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP); TAN SATOSHI (JP); KUWAMOTO
   MAKOTO (JP)
  Priority (No, Kind, Date): JP 938596
                                        A 19930121; JP 93205682 A
                            19921201
   19930727; JP 92321063 A
  Applic (No, Kind, Date): EP 93309619 A
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  Designated States: (National) BE; DE; FR; GB; NL
  IPC: * G06F-001/18
  Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    95-116722; G 95-341616; G 96-062972; G 98-181451
  Language of Document: English
Patent (No, Kind, Date): EP 637016 A3 19950830
  RECORDING AND REPRODUCING APPARATUS. (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
                                             19930727; JP 94104879 A
  Priority (No, Kind, Date): JP 93205682 A
                                19940707; JP 93297504 A 19931102; JP
     19940418; JP 94156089 A
    93314114 A 19931119
  Applic (No, Kind, Date): EP 94305557 A 19940727
  Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
  IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
    ; G11B-023/28
  Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
    95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451
Language of Document: English Patent (No, Kind, Date): EP 766478
                                 Α3
                                     20000119
  SIGNAL TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI
                                     (JP)
  Priority (No, Kind, Date): EP 92302627 A3 19920326; JP 9162798 A
                                 19910425; JP 91155650 A 19910529; JP
     19910327; JP 9195813 A
    91182236 A 19910723; JP 9260739 A 19920317
  Applic (No, Kind, Date): EP 96119060 A
                                         19920326
  Designated States: (National) DE; FR; GB; NL
  IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
  Derwent WPI Acc No: * G 92-325674; G 97-195354
  JAPIO Reference No: * 180152E000002
  Language of Document: English
Patent (No, Kind, Date): EP 1035693 A3 20001206
  MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date):
                             EP 93307575 A3 19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A
  Applic (No, Kind, Date): EP 2000114572 A
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  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1035694 A3 20001206
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MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
 Applic (No, Kind, Date): EP 2000114573 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
   94-342258
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035695 A3 20001206
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): EP 2000114575 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035696 A3 20001206
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
                             EP 93307575 A3 19930924; JP 92256070 A
  Priority (No, Kind, Date):
                            19930325; JP 93132984 A 19930510
    19920925; JP 9366461 A
  Applic (No, Kind, Date): EP 2000114577 A 19930924
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
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  IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
     94-342258; G 2000-580985; G 2000-580986; G 2000-580987; G
                     2000-589072; G 2000-589073; G 2000-589074; G 2000-589076; G 2000-589077; G 2000-589078; G
     2000-580988; G
                     2000-589076; G
     2000-589075; G
    2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1035697 A3 20001206
  MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A
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  Applic (No, Kind, Date): EP 2000114578 A 19930924
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
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    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
     94-342258; G 2000-580985; G 2000-580986; G 2000-580987; G
     2000-580988; G 2000-589072; G 2000-589073; G 2000-589074; G
                                        2000-589077; G 2000-589078; G
     2000-589075; G 2000-589076; G
    2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: English
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Patent (No, Kind, Date): EP 1035698 A3 20001206
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A
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  Applic (No, Kind, Date): EP 2000114579 A 19930924
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
     94-342258; G 2000-580985; G 2000-580986; G 2000-580987; G
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     2000-580988; G 2000-589072; G
                                        2000-589077; G 2000-589078; G
                     2000-589076; G
     2000-589075; G
    2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1039672 A3 20001206
  MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
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    19920925; JP 9366461 A
  Applic (No, Kind, Date): EP 2000114576 A 19930924
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
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    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
     94-342258; G 2000-580985; G 2000-580986; G 2000-580987; G
     2000-580988; G 2000-589072; G 2000-589073; G 2000-589074; G 2000-589075; G 2000-589076; G 2000-589077; G 2000-589078; G
    2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1039673 A3
                                       20001206
                                               CORRECTION CODING WITH
  MULTIRESOLUTION TRANSMISSION AND
                                       ERROR
    MULTICARRIER SIGNALS (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                             19920925
  Applic (No, Kind, Date): EP 2000114689 A
                                           19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1039674 A3 20001206
                                              CORRECTION
                                                            CODING WITH
                  TRANSMISSION
                                AND
                                       ERROR
  MULTIRESOLTION
    MULTICARRIER SIGNALS (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
  Applic (No, Kind, Date): EP 2000114690 A 19930326
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     ; H04N-007/24
   Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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      2000-589073; G
                       2000-589074; G 2000-589075; G 2000-589076; G
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2000-589077; G 2000-589078; G 2000-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039675 A3 20001206
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
    ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114692 A 19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
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  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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    2000-589073; G 2000-589074; G 2000-58
2000-589077; G 2000-589078; G 2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1039676 A3 20001206
  MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
  Applic (No, Kind, Date): EP 2000114694 A
                                            19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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                                        2000-580988; G 2000-589072; G
                                        2000-589075; G 2000-589076; G
    2000-589077; G 2000-589078; G 2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1039677 A3 20001206
                                       ERROR CORRECTION CODING, WITH
                                 AND
  MULTIRESOLUTION TRANSMISSION
    MULTICARRIER MODULATION (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
  Applic (No, Kind, Date): EP 2000114696 A 19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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     2000-589073; G 2000-589074; G
                                        2000-589075; G 2000-589076; G
    2000-589077; G 2000-589078; G 2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1039678 A3 20001206
  MULTIRESOLUTION TRANSMISSION, PARTICULARLY WITH MULTICARRIER SIGNALS
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
  Applic (No, Kind, Date): EP 2000114697 A 19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
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IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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    2000-589073; G 2000-589074; G
   2000-589077; G 2000-589078; G 2000-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039679 A3 20001206
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
    ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
  Applic (No, Kind, Date): EP 2000114698 A 19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
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  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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     2000-589073; G 2000-589074; G
    2000-589077; G 2000-589078; G 2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1039680 A3 20001206
                                                CORRECTION CODING WITH
  MULTIRESOLUTION TRANSMISSION AND ERROR
    MULTICARRIER MODULATION (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
  Applic (No, Kind, Date): EP 2000114699 A
                                           19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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     2000-589073; G
    2000-589077; G 2000-589078; G 2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1039681 A3 20001206
                                AND
                                              CORRECTION CODING, WITH
                                      ERROR
                   TRANSMITION
  MUTLIRESOLUTION
    MULTICARRIER SIGNALS (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
  Applic (No, Kind, Date): EP 2000114701 A 19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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     2000-589073; G
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                                       2000-589075; G 2000-589076; G
    2000-589077; G 2000-589078; G 2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1039682 A3 20001206
  MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SINGALS
     (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
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Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
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   19920326; JP 92256070 A
 Applic (No, Kind, Date): EP 2000114702 A
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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                                       2000-589075; G 2000-589076; G
    2000-589073; G
                    2000-589074; G
   2000-589077; G 2000-589078; G 2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1045541 A3
                                      20001206
                                               CORRECTION CODING WITH
                                       ERROR
                                AND
 MULTIRESOLUTION TRANSMISSION
   MULTICARRIER SIGNALS (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
                            EP 93302369 A3 19930326; JP 9267934 A
  Priority (No, Kind, Date):
    19920326; JP 92256070 A
                              19920925
  Applic (No, Kind, Date): EP 2000114700 A
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  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
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  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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    2000-589077; G 2000-589078; G 2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1049282 A3 20001206
  MULTIRESOLUTION MODULATION WITH MULTICARRIER SIGNALS (English; French;
    German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No,Kind,Date):
                            EP 93307575 A3 19930924; JP 92256070 A
                           19930325; JP 93132984 A
    19920925; JP 9366461 A
                                                       19930510
  Applic (No, Kind, Date): EP 2000114574 A 19930924
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1049283 A3 20001206
  MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
    ; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                             19920925
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  Applic (No, Kind, Date): EP 2000114693 A
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
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     2000-580986; G 2000-580987; G
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     2000-589073; G 2000-589074; G
    2000-589077; G 2000-589078; G 2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1049284 A3 20001206
  MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
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; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114695 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
    2000-580986; G 2000-580987; G 2000-589074; G
                                      2000-580988; G 2000-589072; G
                                       2000-589075; G 2000-589076; G
   2000-589077; G 2000-589078; G 2000-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 689200 A4 19960529
 OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
   REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL
   DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
   (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRONICS CORP (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI
 Priority (No, Kind, Date): WO 94JP2304 W 19941228; JP 93335165 A
    19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP
   94156089 A 19940707; JP 94299508 A 19941202
 Applic (No, Kind, Date): EP 95904033 A 19941228
 Designated States: (National) DE; FR; GB; IT
              G11B-007/007; G11B-020/12; G11B-013/04;
                                                         G11B-007/00;
   G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939
 Language of Document: English
Patent (No, Kind, Date): EP 706174 A4 19970702
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
    INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English;
   French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO
                                                         (JP)
  Priority (No, Kind, Date): WO 95JP760 W 19950418; JP 94104879 A
    19940418; JP 94283415 A
                                19941117; JP 94327963 A 19941228; JP
              19950201; JP 9516865 A
                                        19950203
    9515318 A
 Applic (No, Kind, Date): EP 95915345 A
                                         19950418
 Designated States: (National) DE; FR; GB; NL
  IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
    ; G11B-007/09
  Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
    96-268785
  Language of Document: English
Patent (No, Kind, Date): EP 741382 A4 19970702
  MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
    OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
    PRODUCING METHOD (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO
                                                         (JP)
  Priority (No, Kind, Date): WO 95JP2339 W 19951116; JP 94283415 A
    19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
  Applic (No, Kind, Date): EP 95938017 A 19951116
  Designated States: (National) DE; FR; GB
  IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
  Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
    97-236119
  Language of Document: English
Patent (No, Kind, Date): EP 802527 A4 19971210
  OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
    COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
             (JP)
                                           19961008; JP 95261247 A
 Priority (No, Kind, Date): WO 96JP2924 W
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): EP 96932845 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 807929 A4 19971210
 Priority (No, Kind, Date): WO 96JP1303 W 19960515; JP 95261247 A
    19951009; JP 968910 A 19960123
  Applic (No, Kind, Date): EP 96915172 A 19960515
  Designated States: (National) DE; FR; GB
  IPC: * G11B-007/24
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: English; French; German
Patent (No, Kind, Date): EP 506400 B1 19971217
  SIGNAL TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): JP 9162798 A
                                             19910327; JP 9195813 A
     19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
               19920317
    9260739 A
  Applic (No, Kind, Date): EP 92302627 A 19920326
  Designated States: (National) DE; FR; GB; NL
  IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34
  Derwent WPI Acc No: * G 92-325674; G 97-195354
  JAPIO Reference No: * 180152E000002
  Language of Document: English
Patent (No, Kind, Date): EP 1003162 B1 20001102
  AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
    French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
                           19960123
    19951009; JP 968910 A
  Applic (No, Kind, Date): EP 2000103257 A
                                           19960515
  Designated States: (National) DE; FR; GB
  IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: English
Patent (No, Kind, Date): EP 1005034 B1 20001102
  AN OPTICAL DISK CARRYING BARCODED INFORMATION (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
                            19960123
    19951009; JP 968910 A
  Applic (No, Kind, Date): EP 2000101775 A
                                            19960515
  Designated States: (National) DE; FR; GB
  IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: English
Patent (No, Kind, Date): EP 1005035 B1 20001102
  AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
    French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
    19951009; JP 968910 A 19960123
  Applic (No, Kind, Date): EP 2000104818 A 19960515
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Designated States: (National) DE; FR; GB

IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38

; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: English

| EUROPEAN PATENT OFF | ICE | (EF) |
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| EUROPEA | N PATENT | OFFICE (| EP) |
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| | Status 506400 | (No,Type, | Date,Code,Text): 19910327 EP AA PRIORITY (PATENT |
| EF | 200400 | • | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| | 506400 | P | JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT |
| EP | 506400 | P | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| | | | JP 9195813 A 19910425 |
| EP | 506400 | P | 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | | APPLICATION (INTOXITABLE (INTERNITABLE) |
| | | | JP 91155650 A 19910529 |
| EP | 506400 | P | 19910723 EP AA PRIORITY (PATENT |
| | | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | | JP 91182236 A 19910723 |
| EP | 506400 | P | 19920317 EP AA PRIORITY (PATENT |
| | | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | | JP 9260739 A 19920317 |
| E D | 506400 | P | 19920326 EP AE EP-APPLICATION |
| 111 | 200400 | - | (EUROPAEISCHE ANMELDUNG) |
| | | | EP 92302627 A 19920326 |
| EP | 506400 | P | 19920930 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH |
| | | | REPORT (IN EINER ANMELDUNG OHNE |
| | | | RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | | DE FR GB NL |
| EP | 506400 | P | 19920930 EP A2 PUBLICATION OF APPLICATION |
| | | | WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP | 506400 | P | 19930526 EP AK DESIGNATED CONTRACTING |
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| | | | DE FR GB NL |
| EP | 506400 | P | 19930526 EP A3 SEPARATE PUBLICATION OF THE |
| | | | SEARCH REPORT (ART. 93) (GESONDERTE |
| | | | VEROEFFENTLICHUNG DES RECHERCHENBERICHTS |
| EP | 506400 | P | (ART. 93)) 19940112 EP 17P REQUEST FOR EXAMINATION |
| | 300100 | - | FILED (PRUEFUNGSANTRAG GESTELLT) |
| | | | 931117 |
| EP | 506400 | P | 19960110 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) |
| | | | 951127 |
| EP | 506400 | P | 19970402 EP AH DIVISIONAL APPLICATION (ART. |
| | | | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| תים | 506400 | Р | EP 766478 P 19971217 EP AK DESIGNATED CONTRACTING |
| EP | 500400 | F | STATES MENTIONED IN A PATENT SPECIFICATION: |
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| מש | 506400 | Р | DE FR GB NL 19971217 EP B1 PATENT SPECIFICATION |
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| EP | 506400 | P | 19971217 EP DX MISCELLANEOUS: (DELETED) |
| _ | | _ | (DIVERSES: (GELOESCHT)) |
| EP | 506400 | Р | 19980129 EP REF CORRESPONDS TO: |
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| | | | DE 69223541 P 19980129 |
| EP | 506400 | P | 19980320 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE) |
| EP | 506400 | P | 19981209 EP 26N NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT) |
| гD | 506400 | P | 20000119 EP AH DIVISIONAL APPLICATION (ART. |
| | 300100 | _ | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
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| EP | 300400 | r | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| ED | 506400 | P | EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. |
| EP | 300400 | r | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
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| EP | 506400 | Р | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | | | EP 975170 P |
| EP | 506400 | P | 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | | | EP 975171 P |
| EP | 506400 | P | 20000126 EP AH DIVISIONAL APPLICATION (ART. |
| | | | 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P |
| ED | 506400 | P | |
| | 300100 | - | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | 506400 | ъ | EP 975173 P 20000126 EP AH DIVISIONAL APPLICATION (ART. |
| EP | 506400 | Р | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | | | EP 975174 P |
| EP | 506400 | P | 20001102 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | | | EP 1049334 P |
| EP | 555031 | P | 19920129 EP AA PRIORITY (PATENT |
| | | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | | JP 9213809 A 19920129 |
| EP | 555031 | P | 19920228 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | | APPLICATION) (PRIORITALI (PRIENTANMEDDONG)) |
| | | | JP 9242558 A 19920228 |
| EP | 555031 | Р | 19920309 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| EP | 555031 | Р | 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| מים | 555021 | D | JP 9268031 A 19920326 19920430 EP AA PRIORITY (PATENT |
| EP | 333031 | r | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | | TD 001111176 B 10000120 |
| EP | 555031 | P | JP 92111176 A 19920430 19920722 EP AA PRIORITY (PATENT |
| | 33333 | _ | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | EEE021 | D | JP 92194450 A 19920722 19920925 EP AA PRIORITY (PATENT |
| EP | 222031 | Р | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| רוים | 555031 | Ð | JP 92280874 A 19920925 19930129 EP AE EP-APPLICATION |
| EP | 223021 | T. | (EUROPAEISCHE ANMELDUNG) |
| | FFF034 | _ | EP 93300695 A 19930129 |
| ΕP | 555U3I | Р | 19930811 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH |
| | | | REPORT (IN EINER ANMELDUNG OHNE |
| | | | RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |

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| EP 555031 | P | 19930811 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 930206 |
| EP 555031 | P | |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 555031 | | 19951115 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) |
| EP 555031 | P | 19970402 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 970214 |
| EP 555031 | P | 19981223 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 980626 |
| EP 562875 | Р | F |
| EP 562875 | P | JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925 |
| EP 562875 | P | 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 93302369 A 19930326 |
| EP 562875 | P | |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 562875 | P | 19930929 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP 562875 | P | 19930929 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 930403 |
| EP 562875 | P | |
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| EP 562875 | P | 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114690 A 20000708 |
| EP 562875 | P | |
| EP 562875 | Р | 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) |
| EP 562875 | Р | EP 2000114693 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART |

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76) IN: (CORRECTION) (TEILANMELDUNG (ART.
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                                         20000708
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                         EP 1039673 P
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EP 562875 P
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                         76) IN: (TEILANMELDUNG (ART. 76) IN:)
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                         76) IN: (TEILANMELDUNG (ART. 76) IN:)
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| EP 562875 | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
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| EP 562875 | EP 1049283 P P 20001102 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1049284 P |
| EP 564187 | P 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 564187 | JP 9268031 A 19920326 P 19920430 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 564187 | JP 92111176 A 19920430 P 19920722 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 564187 | JP 92194450 A 19920722 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 564187 | JP 92280874 A 19920925 P 19921021 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 564187 | JP 92282666 A 19921021 P 19921211 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 564187 | JP 92331300 A 19921211 P 19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 564187 | JP 938596 A 19930121 P 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 93302365 A 19930326 |
| EP 564187 | P 93302365 A 19930326 P 19931006 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
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| EP 564187 | P 19951206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 564187 | P 19951206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) |
| EP 564187 | P 19970402 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 970214 |
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| EP 589709 | P | 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
|-----------|---|---|
| EP 589709 | P | JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 589709 | Р | JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 589709 | P | JP 93132984 A 19930510 19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 93307575 A 19930924 |
| EP 589709 | P | |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL |
| EP 589709 | P | PT SE 19940330 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP 589709 | P | TOTAL |
| EP 589709 | Р | |
| | • | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL |
| EP 589709 | P | |
| EP 589709 | P | |
| EP 589709 | Р | |
| EP 589709 | Р | 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) |
| EP 589709 | P | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) |
| EP 589709 | P | EP 2000114574 A 20000707 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) |
| EP 589709 | Р | EP 2000114575 A 20000707 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) |
| EP 589709 | P | EP 2000114576 A 20000707 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) |
| EP 589709 | Р | EP 2000114577 A 20000707 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |

| | | 76) IN: (KORR.)) |
|-----------|----------|--|
| | | EP 2000114578 A 20000707 |
| EP 589709 | P | 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) |
| | | EP 2000114579 A 20000707 |
| EP 589709 | P | 20000913 EP AH DIVISIONAL APPLICATION (ART. |
| | | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | . | EP 1035693 P 20000913 EP AH DIVISIONAL APPLICATION (ART. |
| EP 589709 | Р | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | | EP 1035694 P |
| EP 589709 | P | 20000913 EP AH DIVISIONAL APPLICATION (ART. |
| | | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | _ | EP 1035695 P 20000913 EP AH DIVISIONAL APPLICATION (ART. |
| EP 589709 | P | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | | ED 1035696 D |
| EP 589709 | P | 20000913 EP AH DIVISIONAL APPLICATION (ART. |
| | | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | | EP 1035697 P |
| EP 589709 | P | 20000913 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | | EP 1035698 P |
| EP 589709 | P | 20000927 EP AH DIVISIONAL APPLICATION (ART. |
| ш зоз, оз | _ | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | | EP 1039672 P |
| EP 589709 | P | 20001102 EP AH DIVISIONAL APPLICATION (ART. |
| | | 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1049282 P |
| EP 608126 | Þ | |
| EF 000120 | - | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | |
| | | JP 938596 A 19930121 |
| EP 608126 | P | 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | APPLICATION) (PRIORITAET (PRIENTANMEDDONG)) |
| | | JP 9392219 A 19930325 |
| EP 608126 | P | 19930409 EP AA PRIORITY (PATENT |
| | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| • | | JP 93107423 A 19930409 |
| FD 608126 | Þ | 19930727 EP AA PRIORITY (PATENT |
| EF 000120 | - | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | |
| | | JP 93205682 A 19930727 |
| EP 608126 | P | 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | JP 93297504 A 19931102 |
| EP 608126 | P | |
| | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | TT 00044444 3 400041110 |
| EP 608126 | D | JP 93314114 A 19931119 19940119 EP AE EP-APPLICATION |
| EP 000120 | r | (EUROPAEISCHE ANMELDUNG) |
| | | EP 94300403 A 19940119 |
| EP 608126 | P | |
| | | STATES IN AN APPLICATION WITHOUT SEARCH |
| | | REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | KECHEKCHEMBERICHI BEMMMMIE VERIMASSITAMIEM) |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL |
| | | PT SE |
| EP 608126 | P | 19940727 EP A2 PUBLICATION OF APPLICATION |
| | | WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP 608126 | P | |
| | - | |

FILED (PRUEFUNGSANTRAG GESTELLT)

| | | | 940127 |
|----|--------|---|---|
| EP | 608126 | P | 19951129 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| ΕP | 608126 | P | |
| EP | 608126 | P | • |
| EP | 608126 | P | 19980527 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 844611 P |
| EP | 608126 | P | |
| EP | 608126 | P | |
| EP | 609013 | P | |
| EP | 609013 | P | JP 938596 A 19930121 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 609013 | P | JP 9392219 A 19930325 19930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 609013 | P | JP 93107423 A 19930409 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 609013 | P | JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| ĔΡ | 609013 | P | JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 609013 | P | (EUROPAEISCHE ANMELDUNG) |
| EP | 609013 | P | EP 94300402 A 19940119 19940803 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP | 609013 | P | 19940803 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP | 609013 | P | 19940803 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 940127 |
| EP | 609013 | P | |

| | | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL |
|------------|--------|---|---|
| EP | 609013 | P | PT SE 19951129 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE |
| | | | VEROEFFENTLICHUNG DES RECHERCHENBERICHTS |
| E Ρ | 609013 | P | 19970903 EP 170 FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) |
| EP | 609013 | P | 970722 19980401 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 833319 P |
| EP | 609013 | P | 19981223 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 980626 |
| EP | 609617 | P | 19921201 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 609617 | Р | JP 92321063 A 19921201 19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 609617 | P | JP 938596 A 19930121 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 609617 | P | JP 93205682 A 19930727 19931201 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) |
| EP | 609617 | Р | EP 93309619 A 19931201 19940810 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE |
| | | | RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| EP | 609617 | P | WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER |
| EP | 609617 | P | ANMELDUNG OHNE RECHERCHENBERICHT) 19940810 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 931214 |
| EP | 609617 | P | 19961211 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | | BE DE FR GB NL |
| EP | 609617 | P | SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS |
| EP | 609617 | P | ZURUECKGENOMMEN GELTEN) |
| EP | 617531 | P | 970612 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 617531 | P | JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 617531 | P | JP 93132984 A 19930510 19930924 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | | |

(EUROPAEISCHE ANMELDUNG)

| | | (EUROPAEISCHE ANMELDUNG) |
|-----------|---|--|
| (48534 | ъ | EP 94302149 A 19940324 19940928 EP AK DESIGNATED CONTRACTING |
| EP 617531 | Р | 19940928 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: |
| | | (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
| | | (IN BINDIN MANDEDONG PHARMALLE VERSENDER PROPERTY) |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL |
| | | PT SE |
| EP 617531 | P | 19940928 EP A1 PUBLICATION OF APPLICATION |
| | | WITH SEARCH REPORT (VEROEFFENTLICHUNG DER |
| | | ANMELDUNG MIT RECHERCHENBERICHT) |
| EP 617531 | P | 19940928 EP 17P REQUEST FOR EXAMINATION |
| | | FILED (PRUEFUNGSANTRAG GESTELLT) 940402 |
| nn (17521 | P | 19970102 EP 17Q FIRST EXAMINATION REPORT |
| EP 617531 | P | (ERSTER PRUEFUNGSBESCHEID) |
| | | 961115 |
| EP 617531 | P | 19971217 EP 18D DEEMED TO BE WITHDRAWN (ALS |
| DI 01/331 | _ | ZURUECKGENOMMEN GELTEN) |
| | | 970527 |
| EP 637016 | P | 19930727 EP AA PRIORITY (PATENT |
| | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | 40000000 |
| | | JP 93205682 A 19930727 |
| EP 637016 | P | 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | APPLICATION) (PRIORITAEL (PALENTANMEDDONG)) |
| | | JP 93297504 A 19931102 |
| EP 637016 | P | |
| EF 03/010 | _ | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | |
| | | JP 93314114 A 19931119 |
| EP 637016 | P | |
| | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | TD 04104070 D 10040410 |
| TD (2701) | Б | JP 94104879 A 19940418 19940707 EP AA PRIORITY (PATENT |
| EP 637016 | P | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | APPLICATION) (PRIORITALI (INIDATEMILLES ONO)) |
| | | JP 94156089 A 19940707 |
| EP 637016 | P | 19940727 EP AE EP-APPLICATION |
| | | (EUROPAEISCHE ANMELDUNG) |
| | | EP 94305557 A 19940727 |
| EP 637016 | P | 19950201 EP AK DESIGNATED CONTRACTING |
| | | STATES IN AN APPLICATION WITHOUT SEARCH |
| | | REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | RECHERCHENBERICHI BENANNIE VERIRAGSSIAAIEN/ |
| | | BE CH DE FR GB IT LI NL |
| EP 637016 | Р | |
| | - | WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER |
| | | ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP 637016 | P | 19950201 EP 17P REQUEST FOR EXAMINATION |
| | | FILED (PRUEFUNGSANTRAG GESTELLT) |
| | _ | 940805 |
| EP 637016 | Р | 19950830 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM |
| | | RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | VECTOWCHEADDWICHT DEMANATE ATWINGS TRAITIN |
| | | BE CH DE FR GB IT LI NL |
| EP 637016 | P | 19950830 EP A3 SEPARATE PUBLICATION OF THE |
| | | SEARCH REPORT (ART. 93) (GESONDERTE |
| | | VEROEFFENTLICHUNG DES RECHERCHENBERICHTS |
| | | (ART. 93)) |
| EP 637016 | P | 19980408 EP 17Q FIRST EXAMINATION REPORT |
| | | (ERSTER PRUEFUNGSBESCHEID) |
| | | 980220 |

| EP 637016 | P | 20000913 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) |
|-----------|---|---|
| EP 637016 | Р | EP 2000115017 A 20000724 20001108 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1050879 P |
| EP 689200 | P | |
| EP 689200 | P | JP 93335165 A 19931228 19940120 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 689200 | P | JP 9422191 A 19940120 19940418 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 689200 | P | JP 94104879 A 19940418 19940707 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 689200 | P | JP 94156089 A 19940707 19941202 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 689200 | Р | JP 94299508 A 19941202 19941228 EP AA PCT-APPLICATION (PCT-ANMELDUNG) WO 94JP2304 W 19941228 |
| EP 689200 | P | 19941228 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 95904033 A 19941228 |
| EP 689200 | Р | 19951227 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
| EP 689200 | Р | DE FR GB IT 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP 689200 | P | |
| EP 689200 | P | 19960529 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| EP 689200 | P | DE FR GB IT 19960529 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) |
| EP 689200 | Р | |
| EP 689200 | P | 19960605 EP RAP1 APPLICANT (CORRECTION) (ANMELDER (KORR.)) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. |
| EP 689200 | P | |
| EP 706174 | P | 19940418 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |

JP 94104879 A 19940418

| EP 706174 | P | 19941117 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
|-----------|---|--|
| EP 706174 | P | JP 94283415 A 19941117 19941228 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 706174 | P | JP 94327963 A 19941228 19950201 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 706174 | P | JP 9515318 A 19950201 19950203 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 706174 | P | JP 9516865 A 19950203 19950418 EP AA PCT-APPLICATION (PCT-ANMELDUNG) WO 95JP760 W 19950418 |
| EP 706174 | P | |
| EP 706174 | P | The same and the s |
| EP 706174 | Р | DE FR GB NL 19960410 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP 706174 | P | 19960410 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951114 |
| EP 706174 | P | |
| EP 706174 | P | DE FR GB NL 19970702 EP A4 SUPPLEMENTARY SEARCH REPORT |
| EP 706174 | P | (ERSTER PRUEFUNGSBESCHEID) |
| EP 741382 | P | 19991027 19941117 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 741382 | Р | JP 94283415 A 19941117 19950202 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 741382 | P | JP 9516153 A 19950202 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 741382 | Р | (PCT-ANMELDUNG) |
| EP 741382 | P | (EUROPAEISCHE ANMELDUNG) |
| EP 741382 | Р | EP 95938017 A 19951116 19961106 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |

DE FR GB

| EP 741382 | P | 19961106 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
|-----------|---|---|
| EP 741382 | P | 19970108 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 961112 |
| EP 741382 | P | STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| EP 741382 | P | DE FR GB / 19970702 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) |
| EP 741382 | P | 19990922 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 19990804 |
| EP 766478 | P | 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 766478 | P | JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 766478 | P | JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 766478 | P | JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 766478 | P | JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 766478 | P | JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326 |
| EP 766478 | P | 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) |
| EP 766478 | P | EP 96119060 A 19920326 19970402 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P |
| EP 766478 | Р | |
| EP 766478 | P | DE FR GB NL 19970402 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP 766478 | P | 19991124 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) |
| EP 766478 | Р | EP 99119266 A 19990928 19991124 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) |
| EP 766478 | P | EP 99119278 A 19990928 19991215 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 99119266 A 19990928 |

| | | TOTAL CONTROL (ADD |
|---|-------------|--|
| EP 766478 | P | 19991215 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (CORRECTION) (TETHANNELDONG (INT. 76) IN: (KORR.)) |
| | | EP 99119278 A 19990928 |
| EP 766478 | P | 19991215 EP RAHF DIVISIONAL APPLICATION (ART |
| | | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) EP 99121006 A 19991021 |
| EP 766478 | D | |
| EP /004/0 | - | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) ′ |
| | | EP 99121007 A 19991021 |
| EP 766478 | P | 19991215 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) |
| | | FD 99121008 A 19991021 |
| EP 766478 | P | 19991215 EP RAHF DIVISIONAL APPLICATION (ART |
| | | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) EP 99121024 A 19991021 |
| EP 766478 | Ð | 19991215 EP RAHF DIVISIONAL APPLICATION (ART |
| EF /004/0 | • | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) |
| | _ | EP 99121025 A 19991021 |
| EP 766478 | Р | 19991215 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) |
| | | EP 99121026 A 19991021 |
| EP 766478 | P | 20000119 EP AH DIVISIONAL APPLICATION (ART. |
| | | 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 973335 P |
| EP 766478 | Þ | |
| EF 700470 | • | STATES IN A SEARCH REPORT: (IN EINEM |
| | | RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | RECHERCHARDERIZORE BERNELEY |
| | | |
| ED 766478 | D | DE FR GB NI. |
| EP 766478 | Р | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE |
| EP 766478 | P | DE FR GB NI. |
| | | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) |
| | | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. |
| | | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. |
| EP 766478 | P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| EP 766478 | P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P |
| EP 766478 | P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. |
| EP 766478 | P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| EP 766478 | P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. |
| EP 766478 EP 766478 | P P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| EP 766478 EP 766478 EP 766478 | P P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P |
| EP 766478 EP 766478 | P P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P |
| EP 766478 EP 766478 EP 766478 | P P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P |
| EP 766478 EP 766478 EP 766478 | P P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P |
| EP 766478 EP 766478 EP 766478 EP 766478 | P P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| EP 766478 EP 766478 EP 766478 EP 766478 EP 766478 | P P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975173 P |
| EP 766478 EP 766478 EP 766478 EP 766478 | P P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975173 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975173 P |
| EP 766478 EP 766478 EP 766478 EP 766478 EP 766478 | P P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975173 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975174 P |
| EP 766478 EP 766478 EP 766478 EP 766478 EP 766478 | P P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975173 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975174 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975174 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975174 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975174 P |
| EP 766478 EP 766478 EP 766478 EP 766478 EP 766478 EP 766478 | P P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975173 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975174 P 20000130 EP RAHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975174 P |
| EP 766478 EP 766478 EP 766478 EP 766478 EP 766478 EP 766478 | P P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975173 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975174 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975174 P 20000830 EP RAHF DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN:) CORRECTION) (TEILANMELDUNG (ART. 76) IN:) (CORRECTION) (TEILANMELDUNG (ART. 76) IN:) (TEILANMELDUNG (ART |
| EP 766478 | P P P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975173 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975174 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975174 P 20000830 EP RAHF DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN:) EP 975168 EP 99119266 A 19990928 |
| EP 766478 | P P P P | DE FR GB NL 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975173 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975174 P 20000830 EP RAHF DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN:) FO 975168 |

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76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        973335
                        EP 99119278 A 19990928
EP 766478 P 20000830 EP RAHF DIVISIONAL APPLICATION (ART
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        975169
                        EP 99121006 A 19991021
                                       DIVISIONAL APPLICATION (ART
                   20000830 EP RAHF
          P
EP 766478
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        975170
                        EP 99121007 A 19991021
                                       DIVISIONAL APPLICATION (ART
                   20000830 EP RAHF
              Ρ
EP 766478
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        975171
                                       19991021
                        EP 99121008 A
                                       DIVISIONAL APPLICATION (ART
                   20000830 EP RAHF
EP 766478 P
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                         975172
                                       19991021
                        EP 99121024 A
                                        DIVISIONAL APPLICATION (ART
                   20000830 EP RAHF
               Ρ
EP 766478
                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         975173
                                       19991021
                         EP 99121025 A
                                        DIVISIONAL APPLICATION (ART
                   20000830 EP RAHF
EP 766478
              P
                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         975174
                         EP 99121026 A 19991021
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              P
                   20000830 EP RAHF
EP 766478
                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         EP 2000114691 A
                                         20000708
                                       REQUEST FOR EXAMINATION
                   20000913 EP 17P
EP 766478
               Ρ
                         FILED (PRUEFUNGSANTRAG GESTELLT)
                         20000719
                                       DIVISIONAL APPLICATION (ART.
EP 766478
                   20001102 EP AH
               P
                         76) IN: (TEILANMELDUNG (ART. 76) IN:)
                         EP 1049334 P
                                       PRIORITY (PATENT
                   19951009 EP AA
EP 802527 P
                         APPLICATION) (PRIORITAET (PATENTANMELDUNG))
                         JP 95261247 A 19951009
                                        PRIORITY (PATENT
                   19960123 EP AA
EP 802527 P
                         APPLICATION) (PRIORITAET (PATENTANMELDUNG))
                         JP 968910 A 19960123
                                       PRIORITY (PATENT
EP 802527 P
                   19960809 EP AA
                         APPLICATION) (PRIORITAET (PATENTANMELDUNG))
                         JP 96211304 A
                                        19960809
                                        PCT-APPLICATION
                   19961008 EP AA
               Ρ
EP 802527
                         (PCT-ANMELDUNG)
                         WO 96JP2924 W 19961008
                                        EP-APPLICATION
               Ρ
                   19961008 EP AE
EP 802527
                         (EUROPAEISCHE ANMELDUNG)
                         EP 96932845 A 19961008
                                        DESIGNATED CONTRACTING
EP 802527 P 19971022 EP AK
                         STATES IN AN APPLICATION WITH SEARCH REPORT:
                         (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
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| EP | 802527 | P | 19971022 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
|----|--------|---|--|
| EP | 802527 | P | TO THE TOP TO THE TOP |
| EP | 802527 | P | 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005023 P |
| EP | 802527 | P | 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005024 P |
| EP | 802527 | P | 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005025 P |
| EP | 802527 | P | 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005026 P |
| EP | 802527 | P | 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005027 P |
| | 802527 | | 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005028 P |
| EP | 802527 | | (ERSTER PRUEFUNGSBESCHEID) 20000427 |
| | | P | 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1024478 P |
| EP | 807929 | P | 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 807929 | Р | JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 807929 | P | JP 968910 A 19960123 19960515 EP AA PCT-APPLICATION (PCT-ANMELDUNG) WO 96JP1303 W 19960515 |
| EP | 807929 | P | TO A DOLLAR TO THE TOTAL |
| EP | 807929 | P | |
| EP | 807929 | P | DE FR GB 19971119 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP | 807929 | P | 19971119 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 970918 |
| EP | 807929 | | STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) DE FR GB |
| | | | 19990922 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 19990804 |
| EP | 807929 | P | 20000412 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000101774 A 20000128 |

| EP 807929 | P | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) |
|-----------|----------|--|
| 007000 | Б | EP 2000101775 A 20000128 20000412 EP RAHF DIVISIONAL APPLICATION (ART |
| EP 807929 | Р | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) |
| | | EP 2000103257 A 20000217 |
| EP 807929 | P | 20000503 EP RAHF DIVISIONAL APPLICATION (ART |
| | | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) |
| | | EP 2000101774 A 20000128 |
| EP 807929 | P | 20000503 EP RAHF DIVISIONAL APPLICATION (ART |
| | | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) |
| TD 007020 | P | EP 2000101775 A 20000128 20000503 EP RAHF DIVISIONAL APPLICATION (ART |
| EP 807929 | Р | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) |
| | | EP 2000103257 A 20000217 |
| EP 807929 | P | 20000503 EP RAHF DIVISIONAL APPLICATION (ART |
| | | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) |
| | | EP 2000104818 A 20000306 |
| EP 807929 | P | 20000503 EP RAHF DIVISIONAL APPLICATION (ART |
| | | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) |
| TD 007000 | ъ | EP 2000105014 A 20000309 20000517 EP RAHF DIVISIONAL APPLICATION (ART |
| EP 807929 | Р | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) |
| | | EP 2000101774 A 20000128 |
| EP 807929 | P | 20000517 EP RAHF DIVISIONAL APPLICATION (ART |
| | | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) EP 2000101775 A 20000128 |
| EP 807929 | P | |
| | _ | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) |
| TD 007020 | D | EP 2000103257 A 20000217 20000517 EP RAHF DIVISIONAL APPLICATION (ART |
| EP 80/929 | Р | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) |
| | | EP 2000104818 A 20000306 |
| EP 807929 | P | 20000517 EP RAHF DIVISIONAL APPLICATION (ART |
| | | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) |
| | | EP 2000105014 A 20000309 |
| EP 807929 | P | 20000517 EP RAHF DIVISIONAL APPLICATION (ART |
| | | 76) IN: (CORRECTION) (TEILANMELDUNG (ART. |
| | | 76) IN: (KORR.)) EP 2000106447 A 20000324 |
| EP 807929 | P | |
| EP 801929 | F | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | | EP 1003162 P |
| EP 807929 | P | 20000531 EP AH DIVISIONAL APPLICATION (ART. |
| | | 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005033 P |
| EP 807929 | Þ | |
| HI 00/727 | • | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | | EP 1005034 P |
| EP 807929 | P | |
| | | 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005035 P |
| EP 807929 | P | |
| | • | 76) IN: (TEILANMELDUNG (ART. 76) IN:) |
| | | EP 1006516 P |
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EP 807929 P 20000607 EP AH
                                     DIVISIONAL APPLICATION (ART.
                       76) IN: (TEILANMELDUNG (ART. 76) IN:)
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                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                       76) IN: (KORR.))
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                       EP 2000101774 A 20000128
                  20000705 EP RAHF DIVISIONAL APPLICATION (ART
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                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                       76) IN: (KORR.))
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                       EP 2000101775 A 20000128
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EP 807929 P
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
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                        EP 2000103257 A 20000217
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EP 807929 P
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        1005035
                        EP 2000104818 A 20000306
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EP 807929 P
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
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                        EP 2000105014 A 20000309
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EP 807929 P
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
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EP 807929 P
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
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                        EP 2000109898 A 20000510
                  20000705 EP RAHF DIVISIONAL APPLICATION (ART
EP 807929 P
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
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                        EP 2000109899 A 20000510
                  20000705 EP RAHF DIVISIONAL APPLICATION (ART
EP 807929 P
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        EP 2000110461 A 20000516
                  20000802 EP RAHF DIVISIONAL APPLICATION (ART
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EP 807929
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
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                        EP 2000101774 A 20000128
EP 807929 P 20000802 EP RAHF DIVISIONAL APPLICATION (ART
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
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 EP 807929 P
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        1003162
                        EP 2000103257 A 20000217
 EP 807929 P 20000802 EP RAHF DIVISIONAL APPLICATION (ART
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                        76) IN: (KORR.))
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                        EP 2000104818 A 20000306
                   20000802 EP RAHF DIVISIONAL APPLICATION (ART
 EP 807929 P
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
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76) IN: (KORR.)) 1006516 EP 2000105014 A 20000309 DIVISIONAL APPLICATION (ART 20000802 EP RAHF EP 807929 P 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1006517 EP 2000106447 A 20000324 EP 807929 P 20000802 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000109898 A 20000510 20000802 EP RAHF DIVISIONAL APPLICATION (ART EP 807929 Ρ 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000109899 A 20000510 20000802 EP RAHF DIVISIONAL APPLICATION (ART EP 807929 P 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000110461 A 20000516 20000802 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. P EP 807929 76) IN: (KORR.)) 20000608 EP 2000112310 A DIVISIONAL APPLICATION (ART. 20000816 EP AH P EP 807929 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1028422 P DIVISIONAL APPLICATION (ART. 20000816 EP AH EP 807929 P 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1028423 P DIVISIONAL APPLICATION (ART. Ρ 20000823 EP AH EP 807929 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1030297 P DIVISIONAL APPLICATION (ART. EP 807929 P 20000830 EP AH 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1031974 P CLASSIFICATION (CORRECTION) EP 807929 P 20000906 EP RIC1 (KLASSIFIKATION (KORR.)) 7G 11B 7/007 A, 7G 11B 7/24 B, 7G 06K 19/00 B, 7G 11B 20/10 B, 7G 11B 20/00 B, 7G 06F 1/00 B 20000906 EP RTI1 TITEL (CORRECTION) (TITEL P EP 807929 (KORR.)) OPTICAL DISK PROVIDED WITH BAR CODE 20001102 EP AH DIVISIONAL APPLICATION (ART. EP 807929 P 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1003162 P DIVISIONAL APPLICATION (ART. 20001102 EP AH EP 807929 Ρ 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005034 P 20001102 EP AH DIVISIONAL APPLICATION (ART. EP 807929 P 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005035 P Ρ 19930121 EP AA PRIORITY (PATENT EP 833319 APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 938596 A 19930121 PRIORITY (PATENT 19930325 EP AA EP 833319 P APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9392219 A 19930325 PRIORITY (PATENT EP 833319 P 19930409 EP AA APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 93107423 A 19930409 PRIORITY (PATENT 19930727 EP AA EP 833319 P

APPLICATION) (PRIORITAET (PATENTANMELDUNG))

| EP 8 | 33319 | P | JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
|------|--------|---|--|
| EP 8 | 333319 | P | JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 8 | 333319 | P | JP 93314114 A 19931119 19940119 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 94300402 A3 19940119 |
| EP 8 | 333319 | P | |
| EP 8 | 333319 | P | 19980401 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 609013 P |
| EP 8 | 333319 | P | |
| | | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 8 | 833319 | P | 19980401 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP : | 833319 | P | 19980401 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 971029 |
| EP | 833319 | P | |
| EP | 844611 | P | TOSHIKAZU; YOSHIURA, TSUKASA; MATSUURA, TAKUMI; TANAKA, MITIRO; TAN, SATOSHI 19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 844611 | P | JP 938596 A 19930121 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 844611 | P | JP 9392219 A 19930325 19930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 844611 | Р | JP 93107423 A 19930409 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 844611 | P | JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 844611 | P | JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 844611 | P | JP 93314114 A 19931119 19940119 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) |
| EP | 844611 | P | EP 94300403 A3 19940119 19940119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) |
| EP | 844611 | P | EP 98100524 A 19940119 19980527 EP AC DIVISIONAL APPLICATION (ART. |

| EP 844611 | P | 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 608126 P 19980527 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
|-----------|----|---|
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL |
| EP 844611 | P | PT SE 19980527 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP 844611 | P | 19980527 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 980114 |
| EP 844612 | P | 19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 844612 | Р | JP 938596 A 19930121 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 844612 | Р | JP 9392219 A 19930325 19930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 844612 | P | JP 93107423 A 19930409 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 844612 | P | JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 844612 | ,P | JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 844612 | P | JP 93314114 A 19931119 19940119 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) |
| EP 844612 | P | EP 94300403 A3 19940119 19940119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) |
| EP 844612 | P | 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| EP 844612 | P | EP 608126 P 19980527 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 844612 | P | 19980527 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP 844612 | P | 19980527 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 980114 |
| EP 971345 | P | 19961219 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 971345 | P | JP 96339304 A 19961219 19970122 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |

| EP 971345 | Р | JP 979318 A 19970122 19970924 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
|-----------|---|---|
| EP 971345 | Р | JP 97259110 A 19970924 19971217 EP AA PCT-APPLICATION (PCT-ANMELDUNG) WO 97JP4664 W 19971217 |
| EP 971345 | P | 19971217 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 97949124 A 19971217 |
| EP 971345 | P | 20000112 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
| EP 971345 | P | DE FR GB IT NL 20000112 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP 971345 | P | 20000112 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19990719 |
| EP 973335 | P | 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 973335 | Р | JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9195813 A 19910425 |
| EP 973335 | P | 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 973335 | Р | JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 973335 | Р | (AUSSCHEIDUNG AUS) |
| EP 973335 | P | EP 92302627 A3 19920326 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) |
| EP 973335 | P | EP 96119060 A3 19920326 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) |
| EP 973335 | P | EP 99119278 A 19920326 20000119 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P |
| EP 973335 | P | |
| EP 973335 | P | 20000119 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
| EP 973335 | P | WITH SEARCH REPORT (VEROEFFENTLICHUNG DER |
| EP 973335 | P | ANMELDUNG MIT RECHERCHENBERICHT) 20000119 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991015 |
| EP 973335 | P | 20001004 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) |
| EP 973335 | P | DE FR GB NL 20001115 EP K1C3 CORRECTION OF PATENT |

APPLICATION (COMPLETE REPRINT) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (KOMPLETTNEUDRUCK) ERSCHIENEN)

| | | 20000119 |
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| FD 973335 | P | 20001206 EP RPR1 PRIORITY (CORRECTION) |
| DI 7,3333 | _ | (PRIORITAET (KORR.)) |
| | | JP 19910327 6279891 ; JP 19910425 9581391 ; |
| | | JP 19910529 15565091 ; JP 19910723 18223691 ; |
| | | JP 19920317 6073992 |
| EP 975168 | P | 19910327 EP AA PRIORITY (PATENT |
| | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | |
| | | JP 9162798 A 19910327 |
| EP 975168 | P | 19910425 EP AA PRIORITY (PATENT |
| | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| | | JP 9195813 A 19910425 |
| EP 975168 | P | 19910529 EP AA PRIORITY (PATENT |
| | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | TD 01155650 B 10010520 |
| | | JP 91155650 A 19910529 |
| EP 975168 | Р | 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | APPLICATION) (PRIORITAEI (PAIENIANMEDDONG)) |
| | | TD 01102226 7 10010723 |
| 055160 | ъ | JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT |
| EP 975168 | Р | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | APPLICATION) (PRIORITALI (PRIDRIMINALIDESNO)) |
| | | JP 9260739 A 19920317 |
| EP 975168 | D | 19920326 EP AA DIVIDED OUT OF |
| EP 3/3100 | F | (AUSSCHEIDUNG AUS) |
| | | EP 92302627 A3 19920326 |
| EP 975168 | P | |
| EI 775100 | - | (AUSSCHEIDUNG AUS) |
| | | EP 96119060 A3 19920326 |
| EP 975168 | Р | |
| E1 | _ | (EUROPAEISCHE ANMELDUNG) |
| | | EP 99119266 A 19920326 |
| EP 975168 | P | 20000126 EP AC DIVISIONAL APPLICATION (ART. |
| | | 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| | | EP 506400 P |
| EP 975168 | P | 20000126 EP AC DIVISIONAL APPLICATION (ART. |
| | | 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| | | EP 766478 P |
| EP 975168 | P | AAAAAAAA ED XX DECTOXXMED COXMDXCTXXC |
| | | |
| | • | STATES IN AN APPLICATION WITH SEARCH REPORT: |
| | • | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
| | • | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
| ED 075160 | | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL |
| EP 975168 | | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION |
| EP 975168 | | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER |
| | P | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| | P | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION |
| | P | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) |
| EP 975168 | P P | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991022 |
| | P | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991022 20001011 EP AKX PAYMENT OF DESIGNATION FEES |
| EP 975168 | P P | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991022 |
| EP 975168 EP 975168 | P P | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991022 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) |
| EP 975168 EP 975168 | P P | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991022 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL 20001115 EP K1C3 CORRECTION OF PATENT APPLICATION (COMPLETE REPRINT) PUBLISHED |
| EP 975168 EP 975168 | P P | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991022 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL 20001115 EP K1C3 CORRECTION OF PATENT APPLICATION (COMPLETE REPRINT) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG |
| EP 975168 EP 975168 | P P | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991022 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL 20001115 EP K1C3 CORRECTION OF PATENT APPLICATION (COMPLETE REPRINT) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (KOMPLETTNEUDRUCK) ERSCHIENEN) |
| EP 975168 EP 975168 EP 975168 | P P P | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991022 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL 20001115 EP K1C3 CORRECTION OF PATENT APPLICATION (COMPLETE REPRINT) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (KOMPLETTNEUDRUCK) ERSCHIENEN) 20000126 |
| EP 975168 EP 975168 EP 975168 | P P P | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991022 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL 20001115 EP K1C3 CORRECTION OF PATENT APPLICATION (COMPLETE REPRINT) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (KOMPLETTNEUDRUCK) ERSCHIENEN) 20000126 |
| EP 975168 EP 975168 EP 975168 | P P P | STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991022 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL 20001115 EP K1C3 CORRECTION OF PATENT APPLICATION (COMPLETE REPRINT) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (KOMPLETTNEUDRUCK) ERSCHIENEN) 20000126 |

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| EP 975169 | P | 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| EP 975169 | P | JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 975169 | Р | JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 975169 | P | JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 975169 | P | JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326 |
| EP 975169 | P | DESCRIPTION OF THE PROPERTY OF |
| EP 975169 | P | 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 99121006 A 19920326 |
| EP 975169 | P | |
| EP 975169 | P | 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| EP 975169 | Р | EP 766478 P 20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
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| EP 975169 | P P P | 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9162798 A 19910327 |
| EP 975169 EP 975170 EP 975170 | P P P | 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9195813 A 19910425 |
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| EP 975169 EP 975170 EP 975170 | P P P | 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 91182236 A 19910723 |

| EP 975170 | P | 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96119060 A3 19920326 |
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| EP 975170 | P | 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 99121007 A 19920326 |
| EP 975170 | P | 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P |
| EP 975170 | P | 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P |
| EP 975170 | P | 20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
| EP 975170 | Р | DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
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| EP 975171 | P | JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 975171 | P | JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 975171 | Р | JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 975171 | Р | JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 975171 | Р | JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326 |
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| EP 975171 | P | 20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
| EP 975171 | Р | DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION |

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| EP 9/51/1 | P | FILED (PRUEFUNGSANTRAG GESTELLT) |
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| EP 975171 | P | 20001011 EP AKX PAYMENT OF DESIGNATION FEES |
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| E1 9/31/2 | _ | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| | | JP 9162798 A 19910327 |
| EP 975172 | P | 19910425 EP AA PRIORITY (PATENT |
| | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| | | JP 9195813 A 19910425 |
| EP 975172 | P | 19910529 EP AA PRIORITY (PATENT |
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| | | JP 91155650 A 19910529 |
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| EP 975172 | P | (AUSSCHEIDUNG AUS) |
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| EP 975172 | P | |
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| | | EP 96119060 A3 19920326 |
| EP 975172 | Р | |
| EP 9/31/2 | F | (EUROPAEISCHE ANMELDUNG) |
| | | EP 99121024 A 19920326 |
| EP 975172 | P | |
| DI 9/31/2 | - | 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| | | EP 506400 P |
| EP 975172 | P | 20000126 EP AC DIVISIONAL APPLICATION (ART. |
| | | 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| | | EP 766478 P |
| EP 975172 | P | |
| | | STATES IN AN APPLICATION WITH SEARCH REPORT: |
| | | (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
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| | | DE FR GB NL |
| EP 975172 | P | |
| | | WITH SEARCH REPORT (VEROEFFENTLICHUNG DER |
| 075470 | _ | ANMELDUNG MIT RECHERCHENBERICHT) |
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| | | FILED (PRUEFUNGSANTRAG GESTELLT) |
| mm 075170 | Г. | 19991021 20001011 EP AKX PAYMENT OF DESIGNATION FEES |
| EP 975172 | P | (NL: KORREKTUREN (TEIL 1 RUBRIK G)) |
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| EP 975173 | D | |
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| | | JP 9162798 A 19910327 |
| EP 975173 | P | 19910425 EP AA PRIORITY (PATENT |
| | _ | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| | | JP 9195813 A 19910425 |
| EP 975173 | P | 19910529 EP AA PRIORITY (PATENT |
| | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| EP | 975173 | P | JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| EP | 975173 | Р | JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 975173 | P | JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326 |
| EP | 975173 | P | 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96119060 A3 19920326 |
| EP | 975173 | P | 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 99121025 A 19920326 |
| ΕP | 975173 | P | 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| EP | 975173 | P | EP 506400 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| EP | 975173 | P | EP 766478 P 20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
| EP | 975173 | Р | DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP | 975173 | P | 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) |
| EP | 975173 | P | (NL: KORREKTUREN (TEIL 1 RUBRIK G)) |
| EP | 975174 | P | DE FR GB NL 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 975174 | P | JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EF | 975174 | P | JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EF | 975174 · | P | JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EI | 975174 | Р | JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| EI | 975174 | P | EP 92302627 A3 19920326 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) |
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| EP 975174 | P | 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P |
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| EP 975174 | P | 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P |
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| | | DE FR GB NL |
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| EP 975174 | P | DAMESTING OF DESTONATION PERS |
| EP 1003162 | P | |
| EP 1003162 | P | JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1003162 | P | JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 |
| EP 1003162 | P | TR ADDITION |
| EP 1003162 | P | THE TOTAL TOTAL AND TOTAL AND TOTAL |
| EP 1003162 | P | |
| | _ | DE FR GB 20000524 EP A1 PUBLICATION OF APPLICATION |
| EP 1003162 | Р | WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP 1003162 | P | 20000524 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) |
| EP 1003162 | P | 20000217 20000913 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20000725 |
| EP 1003162 | P | 20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| EP 1003162 | P | EP 807929 P 20001102 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) |
| EP 1003162 | P | DE FR GB 20001102 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT) |
| EP 1003162 | P | · · · · · · · · · · · · · · · · · · · |
| EP 1005023 | P | DE 69610859 P 20001207 |

| EP 1005023 | P | JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| EP 1005023 | P | JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1005023 | P | JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008 |
| EP 1005023 | P | 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000102965 A 19961008 |
| EP 1005023 | P | |
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| EP 1005023 | P | DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP 1005023 | P | TOTAL |
| EP 1005023 | P | 20001115 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI; GOTOH, YOSHIHO; TANAKA, SHINICHI; KOISHI, KENJI; MORIYA, MITSUROU; |
| EP 1005023 | P | (ERSTER PRUEFUNGSBESCHEID) |
| EP 1005024 | P | 20001130 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1005024 | Р | JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1005024 | P | JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1005024 | P | JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008 |
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| EP 1005024 | P | 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
| EP 1005024 | P | DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP 1005024 | P | 20000531 EP 17P REQUEST FOR EXAMINATION |

FILED (PRUEFUNGSANTRAG GESTELLT) 20000301

| EP 1005024 | 20000301 P 20000927 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI; GOTOH, YOSHIHO; TANAKA, SHINICHI; KOISHI, KENJI; MORIYA, MITSUROU | ; ٦ |
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| EP 1005024 | TAKEMURA, YOSHINARI P 20010110 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) | |
| EP 1005025 | 20001130 P 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG) |) |
| EP 1005025 | JP 95261247 A 19951009 P 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG) |) |
| EP 1005025 | JP 968910 A 19960123 P 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG) |) |
| EP 1005025 | JP 96211304 A 19960809 P 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008 | |
| EP 1005025 | P 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000102967 A 19961008 | |
| EP 1005025 | P 20000531 EP AC DIVISIONAL APPLICATION (AR 76) OF: (TEILANMELDUNG (ART. 76) AUS:) | ₹T. |
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| EP 1005025 | | , II : |
| EP 1005026 | TAKEMURA, YOSHINARI P 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG) | |
| EP 1005026 | JP 95261247 A 19951009 P 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG) |) } |
| EP 1005026 | JP 968910 A 19960123 P 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG) |) } |
| EP 1005026 | JP 96211304 A 19960809 P 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008 | |
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| EP 1005026 | P 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000102968 A 19961008 | |

| EP 1005026 | P | EP 802527 P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
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| EP 1005026 | P | DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP 1005026 | P | 20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000301 |
| EP 1005026 | P | TATELED (CODDECETON) |
| EP 1005026 | P | 20001129 EP RTI1 TITEL (CORRECTION) (TITEL (KORR.)) |
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| EP 1005027 | Р | JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008 |
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| EP 1005027 | P | |
| EP 1005027 | P | |
| EP 1005027 | P | DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP 1005027 | P | |
| EP 1005027 | Р | |
| EP 1005027 | P | 20001129 EP RTI1 TITEL (CORRECTION) (TITEL (KORR.)) OPTICAL RECORDER |
| EP 1005027 | P | |
| EP 1005028 | P | 19951009 EP AA PRIORITY (PATENT |

| | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| EP 1005028 | Р | JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1005028 | P | JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1005028 | P | JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008 |
| EP 1005028 | P | 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) |
| EP 1005028 | P | EP 2000102971 A 19961008 20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P |
| EP 1005028 | Р | THE PART OF THE PA |
| EP 1005028 | P | DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP 1005028 | P | 20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) |
| EP 1005028 | P | (ERFINDER (KORR.)) OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; |
| EP 1005028 | P | TAKEMURA, YOSHINARI 20001129 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001013 |
| EP 1005033 | P | 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1005033 | P | JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1005033 | P | JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 |
| EP 1005033 | P | 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) |
| EP 1005033 | P | 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| EP 1005033 | Р | EP 807929 P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
| EP 1005033 | P | WITH SEARCH REPORT (VEROEFFENTLICHUNG DER |
| EP 1005033 | P | FILED (PRUEFUNGSANTRAG GESTELLT) |
| EP 1005034 | Р | 20000128 19951009 EP AA PRIORITY (PATENT |

APPLICATION) (PRIORITAET (PATENTANMELDUNG))

| EP | 1005034 | P | JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| EP | 1005034 | P | JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 |
| EP | 1005034 | P | 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000101775 A 19960515 |
| EP | 1005034 | P | 20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P |
| EP | 1005034 | P | 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
| EP | 1005034 | P | DE FR GB 20000531 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI |
| EP | 1005034 | P | 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP | 1005034 | P | 20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000128 |
| EP | 1005034 | P | 20000128 20000913 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20000725 |
| EP | 1005034 | P | THE STATE OF THE TOTAL AND TOTAL AND |
| EP | 1005034 | P | |
| EP | 1005034 | P | |
| EP | 1005034 | P | 20001207 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69610860 P 20001207 |
| EP | 1005035 | P | 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EF | 1005035 | P | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EF | 1005035 | P | JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 |
| EI | 2 1005035 | P | |
| EI | 2 1005035 | P | |
| EI | 2 1005035 | P | 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |

| | | | AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC |
|-----|-----------|---|--|
| EP | 1005035 | P | 20000531 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON |
| | | | BENENNUNGSGEBUEHREN) AL;LT;LV;SI |
| EP | 1005035 | P | WITH SEARCH REPORT (VEROEFFENTLICHUNG DER |
| EP | 1005035 | P | ANMELDUNG MIT RECHERCHENBERICHT) 20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) |
| ED. | 1005035 | D | 20000306 20000913 EP 17Q FIRST EXAMINATION REPORT |
| EP | 1003033 | _ | (ERSTER PRUEFUNGSBESCHEID) 20000725 |
| EP | 1005035 | P | 20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P |
| EP | 1005035 | P | The second secon |
| תבו | 1005035 | D | DE FR GB |
| | | | (PATENTSCHRIFT) |
| EP | 1005035 | P | (ENTSPRICHT) DE 69610861 P 20001207 |
| EP | 1005035 | P | COMMISSION OF THE PROPERTY OF |
| EP | 1006516 | P | The second secon |
| EP | 1006516 | P | JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1006516 | P | JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) |
| EP | 1006516 | P | EP 96915172 A3 19960515 |
| EP | 1006516 | P | EP 2000105014 A 19960515 |
| EP | 1006516 | P | EP 807929 P |
| | | | AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC |
| EP | 1006516 | P | NL PT SE 20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON |
| | | | BENENNUNGSGEBUEHREN) AL;LT;LV;SI |
| EF | 1006516 | P | 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EF | 1006516 | P | 20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) |
| EF | > 1006517 | P | 20000309 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |

| EP 1006517 | P | JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| EP 1006517 | P | JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 |
| EP 1006517 | P | 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000106447 A 19960515 |
| EP 1006517 | P | 20000607 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P |
| EP 1006517 | Р | THE PARTY OF THE P |
| EP 1006517 | P | EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) |
| EP 1006517 | P | AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP 1006517 | P | THE TAX TO BE THE TAX TO THE TAX TO T |
| EP 1024478 | P | |
| EP 1024478 | Р | JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1024478 | Р | JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1024478 | P | JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008 |
| EP 1024478 | P | 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000102970 A 19961008 |
| EP 1024478 | P | |
| EP 1024478 | P | 20000802 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
| EP 1024478 | P | DE FR GB 20000802 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| | | 20000802 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000301 |
| EP 1024478 | P | 20001115 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI; GOTOH, YOSHIHO; TANAKA, SHINICHI; KOISHI, KENJI; MORIYA, MITSUROU; TAKEMURA, YOSHINARI |

| EP 1024478 | P | 20001129 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) |
|------------|---|---|
| EP 1028422 | P | 20001011 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1028422 | P | JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1028422 | P | JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 |
| EP 1028422 | P | 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109898 A 19960515 |
| EP 1028422 | P | 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P |
| EP 1028422 | P | |
| EP 1028422 | P | DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP 1028422 | P | |
| EP 1028423 | P | |
| EP 1028423 | P | JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1028423 | Р | JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 |
| EP 1028423 | P | 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515 |
| EP 1028423 | P | |
| EP 1028423 | P | |
| EP 1028423 | Р | DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP 1028423 | P | 20000816 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) |
| EP 1028423 | Р | 20000510 20001227 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001113 |
| EP 1030297 | P | 20001113 19951009 EP AA PRIORITY (PATENT |
| | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |

APPLICATION) (PRIORITAET (PATENTANMELDUNG))

| EP | 1030297 | P | JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) |
|-----|-----------|---|--|
| EP | 1030297 | P | EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000110461 A 19960515 |
| EP | 1030297 | P | 20000823 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P |
| EP | 1030297 | P | |
| | | | AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE |
| EP | 1030297 | P | 20000823 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI |
| EP | 1030297 | P | 20000823 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER |
| EP | 1030297 | P | FILED (PRUEFUNGSANTRAG GESTELLT) |
| EP | 1031974 | P | 20000519 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1031974 | P | JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1031974 | P | (AUSSCHEIDUNG AUS) |
| EP | 1031974 | P | EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000112310 A 19960515 |
| EP | 1031974 | P | 20000830 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| EP | 1031974 | P | EP 807929 P 20000830 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) |
| ਵਾਹ | 1031974 | p | DE FR GB 20000830 EP A1 PUBLICATION OF APPLICATION |
| | | | WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) |
| EP | 1031974 | P | 20000830 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000608 |
| EP | 1031974 | P | 20001227 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) |
| EF | 1035693 | P | 20001113 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EF | 2 1035693 | P | JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |

JP 9366461 A 19930325

| EP 1035693 | Р | 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| EP 1035693 | Р | JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924 |
| EP 1035693 | P | |
| EP 1035693 | P | |
| EP 1035693 | P | 20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL |
| EP 1035693 | P | PT SE 20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP 1035693 | P | |
| EP 1035693 | P | 20000714 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 1035693 | P | 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS |
| EP 1035694 | Р | (ART. 93)) 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1035694 | Р | JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1035694 | Р | JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1035694 | P | (AUSSCHEIDUNG AUS) |
| EP 1035694 | P | (EUROPAEISCHE ANMELDUNG) |
| EP 1035694 | P | 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| EP 1035694 | Р | EP 589709 P 20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| EP 1035694 | P | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE 20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |

| EP 1035694 | P | 20001011 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000714 |
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| EP 1035694 | P | 20000714 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| EP 1035694 | Р | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS |
| EP 1035694 | Р | (ART. 93)) 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N |
| EP 1035695 | P | 7/24 B 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1035695 | P | JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1035695 | P | JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1035695 | P | JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924 |
| EP 1035695 | P | |
| EP 1035695 | P | |
| EP 1035695 | P | |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 1035695 | P | 20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP 1035695 | P | |
| EP 1035695 | P | THE TANK THE CONTENT OF THE |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 1035695 | Р | SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS |
| EP 1035695 | P | (ART. 93)) 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B |

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| EP 1035696 | P | 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| EP 1035696 | . P | JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9366461 A 19930325 |
| EP 1035696 | P | |
| EP 1035696 | P | JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924 |
| EP 1035696 | P | 19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) |
| EP 1035696 | P | EP 2000114577 A 19930924 20000913 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 589709 P |
| EP 1035696 | Р | THE TOTAL MEDICAL CONTROL OF THE |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 1035696 | P | 20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP 1035696 | P | |
| EP 1035696 | Р | The same and the s |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 1035696 | P | 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) |
| EP 1035696 | P | 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N |
| EP 1035697 | P | 7/24 B 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1035697 | P | JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1035697 | P | JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1035697 | Р | JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924 |
| EP 1035697 | P | 19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114578 A 19930924 |
| EP 1035697 | P | 20000913 EP AC DIVISIONAL APPLICATION (ART. |

| EP 1035697 | P | 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 589709 P 20000913 EP AK DESIGNATED CONTRACTING |
|------------|---|--|
| | | STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| | | 20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| | | 20001011 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000714 |
| EP 1035697 | P | 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 1035697 | Р | 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS |
| EP 1035697 | Р | (ART. 93)) 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N |
| EP 1035698 | P | 7/24 B 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1035698 | P | JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1035698 | Р | JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1035698 | Р | JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924 |
| EP 1035698 | P | |
| EP 1035698 | P | DESTRUCTION AND TOUR ON A DOMESTIC ADDRESS AND ADDRESS |
| EP 1035698 | Р | —————————————————————————————————————— |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL |
| EP 1035698 | P | PT SE 20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP 1035698 | Р | |
| EP 1035698 | P | 20000714 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |

| | | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
|----|-----------|---|--|
| EP | 1035698 | P | 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) |
| EP | 1035698 | P | 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N |
| EP | 1039672 | P | 7/24 B 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1039672 | P | JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1039672 | P | JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1039672 | P | JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924 |
| EP | 1039672 | P | TO A DOLL TO A DITTO ME |
| EP | 1039672 | P | 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| EP | 1039672 | P | EP 589709 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL |
| EP | 1039672 | P | PT SE 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER |
| EP | 1039672 | P | ANMELDUNG OHNE RECHERCHENBERICHT) 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) |
| EP | 1039672 | P | 20000712 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EF | 1039672 | P | 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS |
| EF | 1039672 | Р | (ART. 93)) 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N |
| EF | 1039673 | P | 7/24 B 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EI | 2 1039673 | P | JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |

| | | | JP 92256070 A 19920925 |
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| EP | 1039673 | P | 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) |
| | | | EP 93302369 A3 19930326 |
| EР | 1039673 | P | 19930326 EP AE EP-APPLICATION |
| | | | (EUROPAEISCHE ANMELDUNG) |
| | | | EP 2000114689 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART. |
| EP | 1039673 | Р | 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| | | | EP 562875 P |
| EP | 1039673 | P | 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH |
| | | | REPORT: (IN EINER ANMELDUNG OHNE |
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| ਸ਼ਾਹ | 1039673 | Р | 20000927 EP A2 PUBLICATION OF APPLICATION |
| 111 | 1033073 | - | WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER |
| | | _ | ANMELDUNG OHNE RECHERCHENBERICHT) 20000927 EP 17P REQUEST FOR EXAMINATION |
| ΕP | 1039673 | Р | 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) |
| | | | 20000712 |
| EP | 1039673 | P | 20001206 EP AK DESIGNATED CONTRACTING |
| | | | STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
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| | 1020652 | ъ | PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE |
| EP | 1039673 | Ρ | SEARCH REPORT (ART. 93) (GESONDERTE |
| | | | VEROEFFENTLICHUNG DES RECHERCHENBERICHTS |
| | | _ | (ART. 93)) 19920326 EP AA PRIORITY (PATENT |
| EP | 1039674 | Р | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| | | _ | JP 9267934 A 19920326 |
| EP | 1039674 | Р | 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
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| | | _ | JP 92256070 A 19920925 |
| EF | 1039674 | Р | 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) |
| | | | EP 93302369 A3 19930326 |
| EF | 1039674 | P | 19930326 EP AE EP-APPLICATION |
| | | | (EUROPAEISCHE ANMELDUNG) EP 2000114690 A 19930326 |
| FF | 1039674 | P | 20000927 EP AC DIVISIONAL APPLICATION (ART. |
| | 10330,1 | - | 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| | | | EP 562875 P 20000927 EP AK DESIGNATED CONTRACTING |
| E | 0 1039674 | Ъ | STATES IN AN APPLICATION WITHOUT SEARCH |
| | | | REPORT: (IN EINER ANMELDUNG OHNE |
| | | | RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
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| | | | WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| E | P 1039674 | Р | 20000927 EP 17P REQUEST FOR EXAMINATION |
| | | | FILED (PRUEFUNGSANTRAG GESTELLT) |
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| E. | 10390/4 | F | STATES IN A SEARCH REPORT: (IN EINEM |
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| EP 1039674 | P | PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE |
| TD 1020675 | D | VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 19920326 EP AA PRIORITY (PATENT |
| Eb 1033612 | r | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1039675 | P | JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1039675 | P | (AUSSCHEIDUNG AUS) |
| EP 1039675 | P | EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114692 A 19930326 |
| EP 1039675 | P | DIVICIONAL ADDITION / ART |
| EP 1039675 | P | DEGLONATED COMPRACTING |
| | • | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 1039675 | P | 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP 1039675 | P | 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 |
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| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 1039675 | P | 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS |
| EP 1039676 | P | (ART. 93)) 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1039676 | P | JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1039676 | P | JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) |
| EP 1039676 | P | EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114694 A 19930326 |
| EP 1039676 | P | /3.DM |
| EP 1039676 | Р | 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE |

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| EP | 1039676 | P | 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP | 1039676 | P | |
| EP | 1039676 | P | 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP | 1039676 | P | 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) |
| EP | 1039677 | P | 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1039677 | P | JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| | | | JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF |
| EP | 1039677 | Р | 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326 |
| EP | 1039677 | P | 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) |
| EP | 1039677 | P | EP 2000114696 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| EP | 1039677 | P | EP 562875 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
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| EP | 1039677 | P | WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER |
| EP | 1039677 | P | ANMELDUNG OHNE RECHERCHENBERICHT) 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) |
| EP | 1039677 | P | 20000712 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
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| EP | 1039677 | P | PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE |
| EP | 1039678 | P | VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1039678 | Р | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1039678 | P | JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (|

AUSSCHEIDUNG AUS)

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| EP | 1039678 | P | (EUROPAEISCHE ANMELDUNG) |
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| EP | 1039678 | P | EP 2000114697 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P |
| EP | 1039678 | P | 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP | 1039678 | P | WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP | 1039678 | P | 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 |
| EP | 1039678 | P | |
| | | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP | 1039678 | P | 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) |
| EP | 1039679 | P | 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1039679 | P | JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1039679 | Р | JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326 |
| EP | 1039679 | P | 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114698 A 19930326 |
| EP | 1039679 | P | 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P |
| EP | 1039679 | P | 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
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| EP | 1039679 | P | 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP | 1039679 | P | |
| EP | 1039679 | P | 20000712 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
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| EP | 1039679 | P | 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) |
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| ΕP | 1039680 | P | 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1039680 | P | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1039680 | P | JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326 |
| EP | 1039680 | P | 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114699 A 19930326 |
| EP | 1039680 | P | 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P |
| EP | 1039680 | P | STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
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| EP | 1039680 | P | 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) |
| EP | 1039681 | P | 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1039681 | P | JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1039681 | P | JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF . (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326 |
| EP | 1039681 | P | 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114701 A 19930326 |
| ĖP | 1039681 | P | 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P |
| EF | 1039681 | P | 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |

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| EP 1039681 | P | |
| EP 1039681 | P | 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 |
| EP 1039681 | P | 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL |
| EP 1039681 | P | PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE |
| EP 1039681 | P | VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 20001206 EP RIC1 CLASSIFICATION (CORRECTION) |
| | | (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04N |
| EP 1039682 | Р | 7/24 B 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1039682 | Р | JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1039682 | P | JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) |
| EP 1039682 | P | EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION |
| 22 2000 000 | | (EUROPAEISCHE ANMELDUNG) EP 2000114702 A 19930326 |
| EP 1039682 | P | 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P |
| EP 1039682 | P | 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE |
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| EP 1039682 | P | 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
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| EP 1039682 | Р | PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS |
| EP 1045541 | P | (ART. 93)) 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1045541 | P | JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT |

APPLICATION) (PRIORITAET (PATENTANMELDUNG))

| EP 1045541 | P | JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) |
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| EP 1045541 | P | EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114700 A 19930326 |
| EP 1045541 | | 20001018 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) |
| | | 20001018 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL |
| EP 1045541 | P | 20001018 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP 1045541 | | 20001018 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) |
| EP 1045541 | P | 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| • | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 1045541 | P | 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS |
| EP 1049282 | P | (ART. 93)) 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1049282 | Р | JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1049282 | Р | JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1049282 | P | JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924 |
| EP 1049282 | P | |
| EP 1049282 | P | 20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 589709 P |
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| EP 1049282 | P | 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
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| EP 1049282 | P | 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) |
| | | 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B |
| EP 1049283 | P | 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1049283 | P | JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1049283 | P | JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326 |
| EP 1049283 | P | |
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| EP 1049283 | P | 20001102 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 1049283 | P | 20001102 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP 1049283 | P | 20001102 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 |
| EP 1049283 | P | 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
| | | AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
| EP 1049283 | P | 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) |
| EP 1049284 | P | 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1049284 | P | JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1049284 | P | JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) |
| EP 1049284 | P | EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) |

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| EP 1 | 1049284 | P | 20001102 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) |
| EP 3 | 1049284 | P | 20001102 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 |
| EP : | 1049284 | P | 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) |
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| EP | 1049284 | P | 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS |
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| EP | 1049334 | P | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1049334 | P | JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1049334 | P | JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1049334 | P | JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP | 1049334 | P | JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326 |
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| | | JP 19910529 15565091 ; JP 19910723 18223691 ; JP 19920317 6073992 |
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| | | APPLICATION) (PRIORITAET (PATENTANMELDUNG)) |
| EP 1050879 | P | JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT |
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| | | JP 94156089 A 19940707 |
| EP 1050879 | P | 19940727 EP AA DIVIDED OUT OF |
| | | (AUSSCHEIDUNG AUS) EP 94305557 A3 19940727 |
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| | | EP 2000115017 A 19940727 |
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| JAPAN (JP) | | |
| RECORDER/REPF | RODUCE |): JP 5250756 A2 19930928 R (English) |
| Patent Assign | nee: 1 | MATSUSHITA ELECTRIC IND CO LTD OSHIMA MITSUAKI |
| Priority (No. | Kind, | Date): JP 9250328 A 19920309 |
| IPC: * G11B- | -013/0 | te): JP 9250328 A 19920309 4; G11B-013/00 |
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| Patent (No,Kind | d,Date |): JP 5307788 A2 19931119 |
| Patent Assign | nee: | ODUCING DEVICE (English) MATSUSHITA ELECTRIC IND CO LTD |
| Author (Inve | ntor): | OSHIMA MITSUAKI |

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Priority (No, Kind, Date): JP 92111176 A 19920430
 Applic (No, Kind, Date): JP 92111176 A 19920430
 IPC: * G11B-013/04; G11B-013/00
 JAPIO Reference No: ; 180121P000165
 Language of Document: Japanese
Patent (No, Kind, Date): JP 5327807 A2 19931210
  TRANSMITTER (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 9162798 A1 19910327; JP 9195813 A1
     19910425; JP 91155650 A1 19910529; JP 91182236 A1 19910723; JP
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  Applic (No, Kind, Date): JP 9268935 A
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  IPC: * H04L-027/36; H04J-003/00; H04J-011/00; H04L-027/38; H04N-007/00
    ; H04N-007/13; H04N-007/20
  JAPIO Reference No: ; 180152E000002
  Language of Document: Japanese
Patent (No, Kind, Date): JP 6036387 A2 19940210
  RECORDING/REPRODUCING DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 92194450 A
                                           19920722
  Applic (No, Kind, Date): JP 92194450 A 19920722
  IPC: * G11B-013/04; G11B-013/00
  JAPIO Reference No: ; 180264P000063
  Language of Document: Japanese
Patent (No, Kind, Date): JP 6164665 A2 19940610
  TRANSMITTER (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
                                              19930326; JP 9267934 A
  Priority (No, Kind, Date): JP 9368545
                                          Α
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  Applic (No, Kind, Date): JP 9368545 A 19930326
  IPC: * H04L-027/36; H04L-027/38; H04L-027/00; H04N-005/40; H04N-007/00
    ; H04N-007/20; H04N-011/04
  Derwent WPI Acc No: * G 93-305235; G 94-103292
  JAPIO Reference No: * 180486E000144; 180486E000144
  Language of Document: Japanese
Patent (No, Kind, Date): JP 6180888 A2 19940628
  RECORDING AND REPRODUCING DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 9334656 A
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  19920129; JP 9268031 A 19920326; JP 92280874
Applic (No, Kind, Date): JP 9334656 A 19930128
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  IPC: * G11B-013/00; G11B-013/04; G11B-011/10
  Derwent WPI Acc No: * G 93-251292; G 93-313529
  JAPIO Reference No: * 180522P000136; 180522P000136
Language of Document: Japanese
Patent (No, Kind, Date): JP 6231509 A2 19940819
  RECORDING/REPRODUCING APPARATUS (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI; KAMIKADO TOSHIKAZU; TANAKA MICHIRO
     ; SHIMIZU RYOSUKE
                                                19930226; JP 9242558 A
  Priority (No, Kind, Date): JP 9363428
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  Applic (No, Kind, Date): JP 9363428 A 19930226
               G11B-013/04; G11B-005/127; G11B-005/82; G11B-013/00;
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   Derwent WPI Acc No: * G 93-251292; G 93-313529
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 Patent (No, Kind, Date): JP 6231510 A2 19940819
   RECORDING/REPRODUCING APPARATUS (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI; KAMIKADO TOSHIKAZU; TANAKA MICHIRO
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 Applic (No, Kind, Date): JP 9392247 A 19930326
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  TPC:
   G11B-023/40
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 JAPIO Reference No: * 180522P000136; 180618P000070; 180618P000070
  Language of Document: Japanese
Patent (No, Kind, Date): JP 7093962 A2 19950407
  INFORMATION RECORDING AND REPRODUCING APPARATUS (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI; TAN SATOSHI; KUWAMOTO MAKOTO
  Priority (No, Kind, Date): JP 93300723 A 19931201; JP 92321063 A
    19921201; JP 938596 A 19930121; JP 93205682 A 19930727
  Applic (No, Kind, Date): JP 93300723 A 19931201
  IPC: * G11B-033/02; G11B-017/04; G11B-025/10
  Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    94-250560; G 95-116722
  Language of Document: Japanese
Patent (No, Kind, Date): JP 7099522 A2 19950411
  TRANSMITTER (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 93261611 A 19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
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  IPC: * H04L-027/34; H04B-001/66; H04B-014/04
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  JAPIO Reference No: * 180486E000144
  Language of Document: Japanese
Patent (No, Kind, Date): JP 7235097 A2 19950905
  RECORDING AND REPRODUCING DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; TANAKA MICHIRO;
    YOSHIURA TSUKASA
                                               19931228; JP 938596 A
  Priority (No, Kind, Date): JP 93351425 A
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     94-250560; G 94-342258; G 95-116722; G 95-341616
   Language of Document: Japanese
 Patent (No, Kind, Date): JP 7235098 A2 19950905
   INFORMATION RECORDING MEDIUM AND ITS MANUFACTURE (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI
   Priority (No, Kind, Date): JP 93351426 A 19931228; JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
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   Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
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   Language of Document: Japanese
 Patent (No, Kind, Date): JP 7235099 A2 19950905
   RECORDING AND REPRODUCING DEVICE (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; TANAKA MICHIRO;
     YOSHIURA TSUKASA; KAMIKADO TOSHIKAZU; TAN SATOSHI
   Priority (No, Kind, Date): JP 9422135 A 19940121; JP 938596 A
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   93333403 A 19931227; JP 93349972 A 19931227
 Applic (No, Kind, Date): JP 9422135 A 19940121
 IPC: * G11B-013/04; G11B-020/12; G11B-020/18
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   94-250560; G 94-342258; G 95-116722; G 95-341616
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7249227 A2 19950926
  RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 94195853 A 19940727; JP 93205682 A
    19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
    93349972 A 19931227; JP 9422191 A 19940120
  Applic (No, Kind, Date): JP 94195853 A 19940727
  IPC: * G11B-007/00; G11B-007/007; G11B-013/04
  Derwent WPI Acc No: * C 94-236841; G 94-242360; G 94-342258; G 95-116722; G 95-246541; G 95-341616; G 96-062972; G 98-181451
  Language of Document: Japanese
Patent (No, Kind, Date): JP 7264148 A2 19951013
  TRANSMITTER (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 9479668 A 19940324
  Applic (No, Kind, Date): JP 9479668 A 19940324
  IPC: * H04H-001/00; H04N-007/01; H04N-007/24
  Derwent WPI Acc No: * G 95-387959; G 95-387959
  Language of Document: Japanese
Patent (No, Kind, Date): JP 7320333 A2 19951208
  RECORDING/REPRODUCING APPARATUS AND RECORDING MEDIUM AND ITS
    MANUFACTURE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI
  Priority (No, Kind, Date): JP 9422158 A
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    19931119; JP 93333855 A 19931227
  Applic (No, Kind, Date): JP 9422158 A
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  IPC: * G11B-013/04; B42D-015/10; G06K-019/06; G11B-023/30
  Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    94-250560; G 95-116722; G 95-341616; G 96-062972; G 96-062972
  Language of Document: Japanese
Patent (No, Kind, Date): JP 7322219 A2 19951208
  TRANSMITTER (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
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                                             19940325; JP 9366461 A
  Priority (No, Kind, Date): JP 9479432
     19930325; JP 93132984 A 19930510; JP 93261612 A 19930924; JP
    93349972 A 19931227
  Applic (No, Kind, Date): JP 9479432 A 19940325
  IPC: * H04N-007/015; H04N-007/20
  Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
  Language of Document: Japanese
Patent (No, Kind, Date): JP 8212560 A2 19960820
  OPTICAL RECORDING MEDIUM AND OPTICAL DISK REPRODUCING DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): UENO FUMIAKI; OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 94327805 A 19941228; JP 93335165 A
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    94156089 A 19940707; JP 94299508 A 19941202
  Applic (No, Kind, Date): JP 94327805 A 19941228
         * G11B-007/007; B41M-005/26; G11B-007/00; G11B-007/24;
  IPC:
    G11B-007/26; G11B-013/04; G11B-019/04; G11B-020/10
  Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939
  Language of Document: Japanese
Patent (No, Kind, Date): JP 8212681 A2 19960820
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RECORDING/REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9516865 A 19950203
 Applic (No, Kind, Date): JP 9516865 A 19950203
 IPC: * G11B-019/04; G11B-007/00; G11B-013/04; G11B-019/02; G11B-020/10
 Derwent WPI Acc No: * G 95-373939
 Language of Document: Japanese
Patent (No, Kind, Date): JP 8273164 A2 19961018
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI
 Priority (No, Kind, Date): JP 9592116 A 19950418; JP 94104879 A
    19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
               19950201; JP 9516153 A 19950202
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 Applic (No, Kind, Date): JP 9592116 A 19950418
              G11B-007/00; G11B-007/007; G11B-007/24; G11B-007/26;
   G11B-013/04; G11B-019/04; G11B-020/10
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    96-268785
  Language of Document: Japanese
Patent (No, Kind, Date): JP 10233019 A2 19980902
  OPTICAL DISK, OPTICAL DISK MANUFACTURING DEVICE AND OPTICAL DISK
    REPRODUCING DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): KONISHI SHINICHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
   KOISHI KENJI; MORIYA MITSURO; GOTOU YOSHITOSHI; TAKEMURA YOSHIYA
  Priority (No, Kind, Date): JP 979318 A 19970122; JP 968110 A
                           A 19960123; JP 96339304 A 19961219; JP
     19960122; JP 968910
    96211304 A 19960809
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                                       19970122
  IPC: * G11B-007/00; G11B-007/007; G11B-007/24; G11B-020/10
  Derwent WPI Acc No: * G 97-236117; G 97-236119; G 98-363034
  Language of Document: Japanese
Patent (No, Kind, Date): JP 11162031 A2 19990618
  OPTICAL DISK, METHOD FOR RECORDING/REPRODUCING OPTICAL DISK DRAW
    INFORMATION, OPTICAL DISK
                                  REPRODUCING DEVICE,
                                                           OPTICAL DISK
    RECORDING/REPRODUCING DEVICE, OPTICAL DISK DRAW INFORMATION RECORDER
    AND OPTICAL DISK RECORDER (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): MIYATAKE NORIO; MURAKAMI MOTOYOSHI; OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 97351243 A 19971219; JP 96339304 A
    19961219; JP 97259110 A 19970924
  Applic (No, Kind, Date): JP 97351243 A 19971219
                             G11B-007/00; G11B-007/007; G11B-007/24;
            G11B-011/10;
    G11B-013/00; G11B-020/10
  Derwent WPI Acc No: * G 98-363034
Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032074 A2 20000128
  TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
    RECEPTION METHOD (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99169243 A 19910327; JP 9195813 A 19910425; JP
                                               19990616; JP 9162798 A
     19910327; JP 9195813
                                 19910425; JP 91155650 A 19910529; JP
  91182236 A 19910723; JP 9260739 A 19920317
Applic (No,Kind,Date): JP 99169243 A 19990616
              H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
    H04N-007/20
  Derwent WPI Acc No: * G 92-325674; G 97-195354; G 2000-108239; G
     2000-118426; G 2000-184726; G 2000-184727; G 2000-184728; G
    2000-184729; G 2000-184730; G 2000-184731
  JAPIO Reference No: * 180152E000002
  Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032075 A2 20000128
  TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
    RECEPTION METHOD (English)
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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169244 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
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 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 2000-108239; G
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   2000-184729; G 2000-184730; G 2000-184731
 JAPIO Reference No: * 180152E000002
  Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032076 A2 20000128
  TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
    RECEPTION METHOD (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99169245 A 19990616; JP 9162798 A
     19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
    91182236 A 19910723; JP 9260739 A 19920317
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    H04N-007/20
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  Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032077 A2 20000128
  TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
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  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99169246 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
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  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99169247 A 19990616; JP 9162798 A
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI
   Priority (No, Kind, Date): JP 99169248 A 19990616; JP 9162798 A
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 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000076659 A2 20000314
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
                                           19990910; JP 95261247 A
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 Priority (No, Kind, Date):
   19951009; JP 968910 A
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 Applic (No, Kind, Date): JP 99257252 A
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  IPC: * G11B-007/007; G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: Japanese
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  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
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  Priority (No, Kind, Date): JP 99257248 A
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  Language of Document: Japanese
Patent (No, Kind, Date): JP 2000076705 A2 20000314
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  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
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  Priority (No, Kind, Date): JP 99257245 A 19990910; JP 95261247 A
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         G11B-007/24; G11B-019/04; G11B-020/10; G11B-027/28
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    REPRODUCING DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
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  Priority (No, Kind, Date): JP 99257247 A 19990910; JP 95261247 A
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  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: Japanese
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  TRANSMITTER, RECEIVER, TRANSMITTING DEVICE, TRANSMISSION METHOD AND
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  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
                                             19990714; JP 9162798 A
  Priority (No, Kind, Date): JP 99200091 A
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  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
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  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99289583 A 19991012; JP 9162798 A
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  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99289584 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529;
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  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99289585 A 19991012; JP 9162798 A
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI
   Priority (No, Kind, Date): JP 99289586 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
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  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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 Patent (No, Kind, Date): JP 2000222782 A2 20000811
   Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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Language of Document: Japanese
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               G11B-007/007; G06F-012/14; G11B-019/04; G11B-020/10;
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Patent (No, Kind, Date): JP 2000299677 A2 20001024
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  Priority (No, Kind, Date): JP 9267934 A 19920326; JP 92256070 A
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     H04N-005/78; H04N-005/7826; H04N-005/92; H04N-007/00; H04H-001/00;
    H04N-007/24; H04N-007/20
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   IPC: * H04J-011/00; H04J-003/00; H04L-027/34; H04N-005/38;
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   H04N-007/20; H04H-001/00
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Patent (No, Kind, Date): JP 2000312198 A2 20001107
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  JAPIO Reference No: * 180486E000144
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Patent (No, Kind, Date): JP 2000324083 A2 20001124
  Priority (No, Kind, Date): JP 92256070 A 19920925; JP 9366461 A
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    2000-595507
  JAPIO Reference No: * 180486E000144
  Language of Document: Japanese
Patent (No, Kind, Date): JP 3008651 B2 20000214
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OOSHIMA MITSUAKI
                                         Α
                                              19920327; JP 9162798 A1
  Priority (No, Kind, Date): JP 9268935
     19910327; JP 9195813 A1 19910425; JP 91155650 A1 19910529; JP
    91182236 A1 19910723; JP 9260739 A1 19920317
  Applic (No, Kind, Date): JP 9268935 A 19920327
                             H04J-003/00; H04L-027/38; H04N-007/015;
              H04L-027/36;
    H04N-007/20; H04N-007/24
  Language of Document: Japanese
Patent (No, Kind, Date): JP 3042780 B2 20000522
  Priority (No, Kind, Date): JP 99257245 A 19990910; JP 95261247 A
    19951009; JP 968910 A 19960123
  Applic (No, Kind, Date): JP 99257245 A
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             G11B-007/007; G06K-019/00; G11B-007/004; G11B-007/24;
  IPC:
    G11B-019/04; G11B-020/10; G11B-023/36; G11B-027/28
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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Language of Document: Japanese
Patent (No, Kind, Date): JP 3042781 B2 20000522
 Priority (No, Kind, Date): JP 99257252 A 19990910; JP 95261247 A
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 Applic (No, Kind, Date): JP 99257252 A
             G11B-007/007; G06K-019/00; G11B-007/004; G11B-007/005;
  IPC:
   G11B-007/24; G11B-019/04; G11B-020/10; G11B-023/36; G11B-027/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: Japanese
Patent (No, Kind, Date): JP 3061053 B2 20000710
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OOSHIMA MITSUAKI
                                            19990616; JP 9162798 A
  Priority (No, Kind, Date): JP 99169243 A
                           A 19910425; JP 91155650 A 19910529; JP
     19910327; JP 9195813
                19910723; JP 9260739 A 19920317
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  Applic (No, Kind, Date): JP 99169243 A 19990616
              H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
  IPC:
    H04N-007/20
  Language of Document: Japanese
Patent (No, Kind, Date): JP 3061054 B2 20000710
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OOSHIMA MITSUAKI
                                             19990616; JP 9162798 A
  Priority (No, Kind, Date): JP 99169244 A
     19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
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    91182236 A
  Applic (No, Kind, Date): JP 99169244 A 19990616
              H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
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    H04N-007/20
  Language of Document: Japanese
Patent (No, Kind, Date): JP 3061055 B2 20000710
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OOSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99169245 A 19990616; JP 9162798 A
     19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
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  Applic (No, Kind, Date): JP 99169245 A 19990616
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  IPC:
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  Language of Document: Japanese
Patent (No, Kind, Date): JP 3061056 B2 20000710
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OOSHIMA MITSUAKI
                                             19990616; JP 9162798 A
  Priority (No, Kind, Date): JP 99169248 A
                                 19910425; JP 91155650 A 19910529; JP
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    91182236 A 19910723; JP 9260739 A
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  IPC:
    H04N-007/20
  Language of Document: Japanese
Patent (No, Kind, Date): JP 3089599 B2 20000918
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): GOTO YOSHITOSHI; OOSHIMA MITSUAKI; TANAKA SHINICHI;
   KOISHI KENJI; MORYA MITSURO
                                               19951009; JP 968910 A
  Priority (No, Kind, Date): JP 95261247
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  Applic (No, Kind, Date): JP 99257246 A 19990910
  IPC: * G11B-007/24; G11B-007/004; G11B-007/007; G11B-020/10
  Language of Document: Japanese
 Patent (No, Kind, Date): JP 3089600 B2 20000918
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): GOTO YOSHITOSHI; OOSHIMA MITSUAKI; TANAKA SHINICHI;
   KOISHI KENJI; MORYA MITSURO
                                                19951009; JP 968910 A
   Priority (No, Kind, Date): JP 95261247
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   IPC: * G11B-007/24; G11B-007/007; G11B-020/10
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Patent (No, Kind, Date): JP 3089601 B2 20000918
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTO YOSHITOSHI; OOSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORYA MITSURO
                                               19951009; JP 968910 A
                            JP 95261247 A
  Priority (No, Kind, Date):
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  Applic (No, Kind, Date): JP 99257250 A 19990910
  IPC: * G11B-007/005; G11B-020/10
  Language of Document: Japanese
Patent (No, Kind, Date): JP 3092620 B2 20000925
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OOSHIMA MITSUAKI
                                            19990616; JP 9162798 A
  Priority (No, Kind, Date): JP 99169246 A
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  Language of Document: Japanese
Patent (No, Kind, Date): JP 3092621 B2 20000925
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OOSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99169247 A 19990616; JP 9162798 A
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    91182236 A 19910723; JP 9260739 A
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  Applic (No,Kind,Date): JP 99169247 A
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  IPC: * H04L-027/36; H04J-007/00; H04L-027/38; H04N-007/015
  Language of Document: Japanese
Patent (No, Kind, Date): JP 3097914 B2 20001010
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): GOTO YOSHITOSHI; OOSHIMA MITSUAKI; TANAKA SHINICHI;
   KOISHI KENJI; MORYA MITSURO
                            JP 95261247 A
                                               19951009; JP 968910 A
  Priority (No,Kind,Date):
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  Applic (No, Kind, Date): JP 99257251 A
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  IPC: * G11B-007/004; G11B-007/26; G11B-020/10
  Language of Document: Japanese
Patent (No, Kind, Date): JP 3097916 B2 20001010
  Priority (No, Kind, Date): JP 95261247
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                                               19951009; JP 968910 A
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  Applic (No, Kind, Date): JP 99375208 A 19991228
  IPC: * G11B-007/007; G11B-007/24; G11B-020/10; G11B-020/12
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: Japanese
Patent (No, Kind, Date): JP 3097917 B2 20001010
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OOSHIMA MITSUAKI; GOTO YOSHITOSHI; TANAKA SHINICHI;
   KOISHI KENJI; MORYA MITSURO
                                               19951009; JP 968910 A
  Priority (No, Kind, Date): JP 95261247
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  Applic (No, Kind, Date): JP 99375209 A 19991228
       * G11B-007/007; G11B-007/005; G11B-007/24; G11B-020/10;
    G11B-020/12
   Language of Document: Japanese
 Patent (No, Kind, Date): JP 3109552 B2 20001120
   Priority (No, Kind, Date): JP 9368545 A 19930326; JP 9267934 A
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     19920326; JP 92256070 A
   Applic (No, Kind, Date): JP 9368545 A 19930326
                H04J-011/00; H04L-027/36; H04L-027/38; H04N-005/40;
    H04N-007/015; H04N-007/20; H04N-011/04
   Derwent WPI Acc No: * G 93-305235; G 94-103292; G 2000-580985; G
      2000-580986; G 2000-580987; G 2000-580988; G 2000-589072; G
      2000-589073; G 2000-589074; G 2000-589075; G 2000-589076; G
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   JAPIO Reference No: * 180486E000144
   Language of Document: Japanese
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Patent (No, Kind, Date): KR 161051 B1 19990115
 COMMUNICATION SYSTEM (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): MITSUAKI OSHIMA (JP)
 Priority (No, Kind, Date): JP 9366461 A 19930325; JP 931329 19930510; JP 93261612 A 19930924; JP 93349972 A 19931227
                                              19930325; JP 93132984 A
  Applic (No, Kind, Date): KR 946012 A 19940325
  IPC: * H04N-007/12
  Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
  Language of Document: Korean
Patent (No, Kind, Date): KR 195398 B1 19990615
  RECORDING/REPRODUCING APPARATUS AND MEDIUM AND PRODUCTION METHOD
    (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OHSIMA MITSEUAKI (JP); KOMODA HIDEAKI (JP);
    USIGOME HISASI (JP)
  Priority (No, Kind, Date): JP 938596 A
                                              19930121; JP 9392219 A
     19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
    93297504 A 19931102; JP 93314114 A 19931119
  Applic (No, Kind, Date): KR 941111 A 19940121
  IPC: * G11B-011/00
  Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
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  Language of Document: Korean
Patent (No, Kind, Date): KR 217013 B1 19991001
  RECORDING AND REPRODUCING APPARATUS (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITZAKI (JP); SHIMIZ RYOOSKI (JP); KOUDO DOSHIKAZ (JP); YOSHIHURA SKASHA (JP); MASURA TAKUMI (JP); DANAKA
    MICHIRO (JP); DAN SADOSHI (JP)
  Priority (No, Kind, Date): JP 938596 A 19930121; JP 9392219 A
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                19931102; JP 93314114 A 19931119
    93297504 A
  Applic (No, Kind, Date): KR 941112 A 19940121
  IPC: * G11B-011/00
  Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    95-116722; G 95-341616; G 96-062972; G 98-181451
  Language of Document: Korean
Patent (No, Kind, Date): KR 237555 B1 20000201
  RECORDING/REPRODUCING APPARATUS (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSIMA MITSUAKI (JP)
  Priority (No, Kind, Date): JP 93205682 A 19930727; JP 93297504 A
     19931102; JP 93314114 A 19931119; JP 94104879 A 19940418; JP
     94156089 A 19940707
  Applic (No, Kind, Date): KR 9418308 A 19940727
  IPC: * G11B-007/00
  Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
    95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451
  Language of Document: Korean
 Patent (No, Kind, Date): KR 9602468 B1 19960217
  TRANSMITTER (English)
  Patent Assignee: MATSUSITA ELECTRIC IND K K (JP)
  Author (Inventor): OOSIMA MITSUAKI (JP)
                                              19920326; JP 92256070 A
  Priority (No, Kind, Date): JP 9267934 A
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   Applic (No, Kind, Date): KR 934766 A 19930326
   IPC: * H04L-027/36
   Derwent WPI Acc No: * G 93-305235; G 94-103292
   JAPIO Reference No: * 180486E000144
   Language of Document: Korean
 Patent (No, Kind, Date): KR 9602703 B1 19960224
   SIGNAL TRANSMISSION SYSTEM (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND K K (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 9162798 A
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Applic (No, Kind, Date): KR 924913 A
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   Derwent WPI Acc No: * G 92-325674
   JAPIO Reference No: * 180152E000002
   Language of Document: Korean
SINGAPORE (SG)
 Patent (No, Kind, Date): SG 5400982 A1 19981221
   RECORDING AND REPRODUCING APPARATUS (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; KOUDO TOSHIKAZU;
     YOSHIURA TSUKASA; MATSUURA TAKUMI; TANAKA MITIRO; TAN SATOSHI
   Priority (No, Kind, Date): JP 938596 A 19930121; JP 9392219 A
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                   19931102; JP 93314114 A 19931119
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    Applic (No, Kind, Date): SG 9502048 A 19940119
    IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02
     ; G11B-023/00
    Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
      95-116722; G 95-341616; G 96-062972; G 98-181451
    Language of Document: English
  Patent (No, Kind, Date): SG 7100102 A1 20000321
    INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME
      (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
    Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI; USHIGOME HISASHI
    Priority (No, Kind, Date): JP 938596 A 19930121; JP 9392219 A
      19930325; JP 93107423 A 19930409; JP 93205682 A
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                   19931102; JP 93314114 A
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      93297504 A
    Applic (No, Kind, Date): SG 9800735 A 19940119
           G11B-019/02; G11B-007/007
    Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
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    Language of Document: English
  Patent (No, Kind, Date): SG 7100103 A1 20000321
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      (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
    Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI; USHIGOME HISASHI
    Priority (No, Kind, Date): JP 938596 A 19930121; JP 9392219 A
      19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
                  19931102; JP 93314114 A 19931119
      93297504 A
    Applic (No, Kind, Date): SG 9800736 A
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    IPC: * G11B-019/02; G11B-007/007
    Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
      95-116722; G 95-341616; G 96-062972; G 98-181451
    Language of Document: English
UNITED STATES OF AMERICA (US)
  Patent (No, Kind, Date): US 5473584 A
                                         19951205
    RECORDING AND REPRODUCING APPARATUS (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP)
    Priority (No, Kind, Date): US 281337 A 19940727; JP 9213809 A
      19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
                 19920326; JP 92111176 A 19920430; JP 92194450 A
      9268031 A
      19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
      9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
      19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
      94104879 A 19940418; JP 94156089 A 19940707; US 184117 A2
       19940121; US 9709 A2 19930127
     Applic (No, Kind, Date): US 281337 A
                                         19940727
     National Class: * 369032000; 369047000; 369054000
     IPC: * G11B-017/22
     Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
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JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 5526328 A 19960611
 RECORDING AND REPRODUCING APPARATUS WITH VARYING AMOUNTS OF DATA IN
   DIFFERENT TRACKS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
   TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI (JP);
   TANAKA MICHIRO (JP); TAN SATOSHI (JP)
 Priority (No, Kind, Date): US 184117 A 19940121; JP 9213809 A
   19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
   9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A
   19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
    9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
    19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; US
    9709 A2 19930127
  Applic (No, Kind, Date): US 184117 A 19940121
  National Class: * 369013000; 369032000
  IPC: * G11B-011/00
  Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
    94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451
  JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
    180522P000136; 180618P000070
  Language of Document: English
Patent (No, Kind, Date): US 5555275 A 19960910
  MULTI-THRESHOLD AND HIERARCHICAL TELEVISION SIGNAL TRANSMISSION SYSTEM
    Multi-threshold and hierarchical television signal transmission
    system (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): US 417269 A 19950405; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A
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  Applic (No, Kind, Date): US 417269 A
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  National Class: * 375261000; 375298000; 375324000; 332103000;
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  IPC: * H04L-005/12; H04L-023/02; H04L-027/22; H04L-027/20
  Derwent WPI Acc No: * G 92-325674; G 97-195354
  JAPIO Reference No: * 180152E000002
  Language of Document: English
Patent (No, Kind, Date): US 5600672 A 19970204
  COMMUNICATION SYSTEM (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP); SAKASHITA SEIJI (JP) Priority (No, Kind, Date): US 240521 A 19940510; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A
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    91182236 A 19910723; JP 9260739 A 19920317; JP 93132984 A
    19930510; JP 93261612 A 19930924; JP 93349972 A
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    9479668 A 19940324; US 857627 A2 19920325
  Applic (No, Kind, Date): US 240521 A 19940510
  National Class: * 375219000; 375270000; 375301000; 375321000
  IPC: * H04L-005/16; H04B-001/38
  Derwent WPI Acc No: * G 92-325674; G 94-103292; G 94-311606; G
    94-342258; G 95-387959; G 97-195354
  JAPIO Reference No: * 180152E000002
  Language of Document: English
Patent (No, Kind, Date): US 5682360 A 19971028
  RECORDING AND REPRODUCING APPARATUS FOR USE WITH A RECORDING MEDIUM
    HAVING AN OPTICAL RECORDING LAYER AND MAGNETIC RECORDING LAYER
     (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): JP 9213809 A 19920129; JP 9242558 A
    19920228; JP 9250328 A 19920309; JP 9268031 A 19920326; JP
    92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A
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19920925
 Applic (No, Kind, Date): US 9709 A 19930127
 National Class: * 369013000; 360059000; 360114000
 IPC: * G11B-011/00; G11B-005/127
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 5699331 A 19971216
 APPARATUS OPERATING WITH RECORDING MEDIUM ACCORDING TO POSITIONAL
    INFORMATION OF A SECRET CODE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 534771 A 19950927; JP 9213809 A
    19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
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    19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
    9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
    19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
    94104879 A 19940418; JP 94156089 A 19940707; US 281337 A3
    19940727; US 184117 A2 19940121; US 9709 A2 19930127
  Applic (No, Kind, Date): US 534771 A 19950927
  Addnl Info: 5473584 Patented; 5526328 Patented
  National Class: * 369032000; 369047000; 369054000
  IPC: * G11B-017/22
  Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
    94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G
    96-062972; G 98-181451
  JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
    180522P000136; 180618P000070
  Language of Document: English
Patent (No, Kind, Date): US 5761301 A 19980602
  MARK FORMING APPARATUS, METHOD OF FORMING LASER MARK ON OPTICAL DISK,
    REPRODUCING APPARATUS, OPTICAL DISK AND METHOD OF PRODUCING OPTICAL
    DISK (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
  Priority (No,Kind,Date): JP 94283415 A 19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
  Applic (No, Kind, Date): US 560015 A
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  National Class: * 380004000; 369272000; 235494000
  IPC: * H04K-001/00
  Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
    97-236119
  Language of Document: English
Patent (No, Kind, Date): US 5802241 A 19980901
  COMMUNICATION SYSTEM (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): US 706376 A 19960830; JP 9267934 A
    19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; JP
                 19930510; JP 93261612 A 19930924; JP 93349972
    93132984 A
    19931227; US 217895 B1 19940325; US 126589 A2 19930927; US 37108
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  Applic (No, Kind, Date): US 706376 A
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  National Class: * 386046000; 348723000
  IPC: * H04N-005/91; H04N-005/38
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258
  JAPIO Reference No: * 180486E000144
  Language of Document: English
 Patent (No, Kind, Date): US 5805551 A
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  METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPY OR ILLEGAL
    INSTALLATION OF INFORMATION OF OPTICAL RECORDING MEDIUM (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
   Priority (No, Kind, Date): US 845794 A 19970425; JP 94104879 A
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   19950418; US 281337 A2 19940727
 Applic (No, Kind, Date): US 845794 A
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 Addnl Info: 5473584 19951205 Patented
 National Class: * 369059000; 369047000; 369048000; 369058000;
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 IPC: * G11B-007/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785
 Language of Document: English
Patent (No, Kind, Date): US 5807640 A
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 OPTICAL RECORDING MEDIUM, REPRODUCING SYSTEM, METHOD OF REPRODUCING
   OPTICAL DISK, METHOD OF FABRICATING OPTICAL DISK ORIGINAL RECORD, AND
   METHOD OF STOPPING ILLEGAL PROGRAM OPERATION (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
                                           19931228; JP 9422191 A
  Priority (No, Kind, Date): JP 93335165 A
    19940120; JP 94104879 A 19940418; JP 94156089 A
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  Applic (No, Kind, Date): US 507495 A 19950828
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  IPC: * B32B-003/00
  Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939
  Language of Document: English
Patent (No, Kind, Date): US 5819000 A
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  MAGNETIC RECORDING AND PLAYBACK APPARATUS (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
                                           19920326; JP 92256070 A
  Priority (No, Kind, Date): JP 9267934 A
    19920925
  Applic (No, Kind, Date): US 37108 A
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  National Class: * 386046000; 348723000
  IPC: * H04N-005/91; H04N-005/38
  Derwent WPI Acc No: * G 93-305235; G 94-103292
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): US 5881038 A
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  METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPY OR ILLEGAL
    INSTALLATION OF INFORMATION OF OPTICAL RECORDING MEDIUM (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP) Priority (No, Kind, Date): US 423668 A 19950418; JP 94104879
    19940418; JP 94283415 A 19941117; JP 94327963 A
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    96-268785
  Language of Document: English
Patent (No, Kind, Date): US 5892879 A 19990406
  COMMUNICATION SYSTEM FOR PLURAL DATA STREAMS (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): US 126589 A 19930927; JP 9267934 A
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  Applic (No, Kind, Date): US 126589 A 19930927
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Language of Document: English
Patent (No, Kind, Date): US 5959948 A
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 RECORDING AND REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 970162 A 19971113; JP 9213809 A
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  Applic (No, Kind, Date): US 970162 A 19971113
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  JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
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  Language of Document: English
Patent (No, Kind, Date): US 5999569 A 19991207
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  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): US 61979 A 19980417; JP 9267934 A
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  Applic (No, Kind, Date): US 61979 A 19980417
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  IPC: * H04L-027/28; H04L-005/12; H04L-023/02
  Derwent WPI Acc No: * G 93-305235; G 94-103292
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): US 6049651 A
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  COMMUNICATION SYSTEM (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): US 64147 A 19980422; JP 9267934 A
    19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; US
    126589 A3 19930927; US 37108 A1 19930325
  Applic (No, Kind, Date): US 64147 A 19980422
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  IPC: * H04N-005/91; H04N-007/015; H04N-005/38
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): US 6052465 A 20000418
  OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
    REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
    FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
    MANUFACTURING AN OPTICAL DISK (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
    19960123
  Applic (No, Kind, Date): US 649411 A 19960516
  National Class: * 380004000
  IPC: * H04L-009/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: English
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Patent (No, Kind, Date): US 6081785 A
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYTOCOMMUNICATION
    SYSTEM AND PROGRAM LICENSE SYSTEM (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
                                                   (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    YOSHINARI (JP)
  Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
    19960123; JP 96211304 A 19960809; WO 96JP2924 W 19961008
  Applic (No, Kind, Date): US 849468 A 19970609
  National Class: * 705001000; 380201000; 369272000
  IPC: * H04K-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: English
Patent (No, Kind, Date): US 6122373 A
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  OPTICAL DISK, OPTICAL DISK BARCODE FORMING METHOD, OPTICAL DISK
    REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
    FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
    MANUFACTURING AN OPTICAL DISK (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                                           (JP); TANAKA
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): US 404506 A 19990923; JP 95261247 A
    19951009; JP 968910 A 19960123; US 649411 A3 19960516
  Applic (No, Kind, Date): US 404506 A 19990923
  National Class: * 380004000
  IPC: * H04L-009/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: English
Patent (No, Kind, Date): US 6125181 A
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  OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL
    REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
    FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
    MANUFACTURING AN OPTICAL DISK (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): US 404639 A 19990923; JP 95261247 A 19951009; JP 968910 A 19960123; US 649411 A3 19960516
  Applic (No, Kind, Date): US 404639 A 19990923
  National Class: * 380002000
  IPC: * H04K-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: English
Patent (No, Kind, Date): US 6128388 A
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  OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
    REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
    FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
    MANUFACTURING AN OPTICAL DISK (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
     SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
   Priority (No, Kind, Date): US 401114 A 19990922; JP 95261247 A
     19951009; JP 968910 A 19960123; US 649411 A3 19960516
   Applic (No, Kind, Date): US 401114 A 19990922
   National Class: * 380059000
   IPC: * H04L-009/00
   Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
   Language of Document: English
 Patent (No, Kind, Date): US 6141419 A
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   OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
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     FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
     MANUFACTURING AN OPTICAL DISK (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
     SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
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Priority (No, Kind, Date): US 441338 A 19991116; JP 95261247 A
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   National Class: * 380004000
   IPC: * H04L-009/00
   Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
   Language of Document: English
 Patent (No, Kind, Date): US 6144742 A
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   OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
     REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
     FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
     MANUFACTURING AN OPTICAL DISK (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
     SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
   Priority (No, Kind, Date): US 401669 A 19990922; US 649411 A3
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   Applic (No, Kind, Date): US 401669 A 19990922
   Addnl Info: 6052465 Patented
   National Class: * 380004000
   IPC: * H04L-009/00
   Language of Document: English
 Patent (No, Kind, Date): US 6160888 A
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   OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
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     FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
     MANUFACTURING AN OPTICAL DISK (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
     SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
   Priority (No, Kind, Date): US 441337 A 19991116; JP 95261247 A
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   IPC: * H04N-007/167
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UNITED STATES OF AMERICA (US)
 Legal Status (No, Type, Date, Code, Text):
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                          1006, OAZA KADOMA, KADOMA-SHI OSAKA, JA;
                          OSHIMA, MITSUAKI : 19940317; SHIMIZU, RYOSUKE
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                          KADOMA-SHI 1006, OAZA KADOMA OSAKA, JAP ;
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                             (APPL. DATA (PATENT))
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WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)
  Patent (No, Kind, Date): WO 9518443 A1 19950706
   OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
     REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL
     DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
      (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP); UENO FUMIAKI
      (JP); OSHIMA MITSUAKI (JP)
    Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
    Priority (No, Kind, Date): JP 93335165 A 19931228; JP 9422191 A
                                   19940418; JP 94156089 A 19940707; JP
       19940120; JP 94104879 A
      94299508 A
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          * G11B-007/007; G11B-020/12; G11B-013/04;
                                                           G11B-007/00;
      G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10
    Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
      95-246541
    Language of Document: Japanese
  Patent (No, Kind, Date): WO 9528704 A1 19951026
    METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
      INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI; GOTOH YOSHIHO
    Priority (No, Kind, Date): JP 94104879 A 19940418; JP 94283415 A
       19941117; JP 94327963 A 19941228; JP 9515318 A
                                                            19950201; JP
      9516865 A
                 19950203
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    Applic (No, Kind, Date): WO 95JP760 A
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                                  With international search report; With
      amended claims and statement
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      ; G11B-007/09
    Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
      96-268785; G 95-373939
    Language of Document: Japanese
  Patent (No, Kind, Date): WO 9616401 A1 19960530
    MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
      OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
      PRODUCING METHOD (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI; GOTOH YOSHIHO
    Priority (No, Kind, Date): JP 94283415 A 19941117; JP 9516153 A
      19950202; JP 95261247 A 19951009
    Applic (No, Kind, Date): WO 95JP2339 A
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    Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
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PATENT

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97-236119; G 96-268785
 Language of Document: Japanese
Patent (No, Kind, Date): WO 9714144 A1 19970417
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP); OSHIMA MITSUAKI
       (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI
    (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
    YOSHINARI
              (JP)
                           JP 95261247 A
                                              19951009; JP 968910 A
  Priority (No, Kind, Date):
    19960123; JP 96211304 A 19960809
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                                        19961008
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  IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119; G
    97-236117
  Language of Document: Japanese
Patent (No, Kind, Date): WO 9714146 A1 19970417
  OPTICAL DISK, BAR CODE FORMATION METHOD FOR OPTICAL DISK, OPTICAL DISK
    REPRODUCTION APPARATUS, AND MARKING METHOD, LASER MARKING METHOD FOR
    OPTICAL DISK, AND METHOD OF OPTICAL DISK PRODUCTION (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): GOTOH YOSHIHO; OSHIMA MITSUAKI; TANAKA SHINICHI;
    KOISHI KENJI; MORIYA MITSURO
                                               19951009; JP 968910 A
                                95261247 A
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  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119; G
    97-236119
  Language of Document: Japanese
Patent (No, Kind, Date): WO 9827553 A1 19980625
  OPTICAL DISK, METHOD FOR RECORDING AND REPRODUCING WRITE-ONCE
    INFORMATION ON AND FROM OPTICAL DISK, OPTICAL DISK REPRODUCING
    DEVICE, OPTICAL DISK RECORDING AND REPRODUCING DEVICE, DEVICE FOR
    RECORDING WRITE-ONCE INFORMATION ON OPTICAL DISK, AND OPTICAL DISK
    RECORDING DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP); OSHIMA MITSUAKI
       (JP); KONISHI SHINICHI (JP); TANAKA SHIN ICHI (JP); KOISHI KENJI
        (JP); MORIYA MITSUROU (JP); GOTOH YOSHIHO (JP); TAKEMURA
    YOSHINARI (JP); MIYATAKE NORIO (JP); MURAKAMI MOTOYOSHI (JP)
                                                                 (JP);
  Author (Inventor): OSHIMA MITSUAKI (JP); KONISHI SHINICHI
     TANAKA SHIN-ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP);
     GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP);
    MURAKAMI MOTOYOSHI (JP)
                                               19961219; JP 979318 A
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  Priority (No, Kind, Date):
    19970122; JP 97259110 A 19970924
  Applic (No, Kind, Date): WO 97JP4664 A 19971217
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                                With international search report; With
  Filing Details: WO 120000
    amended claims and statement
   IPC: * G11B-011/10; G11B-007/00; G06F-012/14
  Derwent WPI Acc No: * G 98-363034; G 98-363034
  Language of Document: Japanese
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P 19931228 WO AA WO 9518443

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| WO 9714144 | Р | 19960123 WO AA PRIORITY (PATENT) |
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| | | JP 96211304 A 19960809 |
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